



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

ENVIRONMENTAL SERVICES DIVISION
REGION 7
25 FUNSTON ROAD
KANSAS CITY, KANSAS 66115

APR 18 1995

PSBR BRANCH

APR 13 1995

MEMORANDUM

SUBJECT: Transmittal of Inspection Report - RCRA

FROM: Joe Arello *A*
Chief, Compliance Assurance Section, EMCM/COMP

TO: Lynn Slugantz
Acting Chief, IRMS/PSDR/ART

This memorandum transmits the following RCRA compliance monitoring inspection report performed by the Compliance Assurance Section, Environmental Monitoring and Compliance Branch, Environmental Services Division. This inspection was conducted as part of a level D multimedia inspection.

<u>Facility</u>	<u>EPA ID Number</u>	<u>Activity No</u>	<u>Potential Areas of Non-Compliance</u>
Doe Run Company, Herculaneum, Missouri	MOD006266373	AKF16	<ul style="list-style-type: none">- Waste determinations- LDR notifications- Container labels- Container dating- Open Container- Manifests- Contingency plan- Personnel training- Contingency plan- Waste pile- Generator notification

Attachments

40199136



SUPERFUND RECORDS



REPORT OF RCRA COMPLIANCE INSPECTION

AT

THE DOE RUN COMPANY - HERCULANEUM SMELTER

HERCULANEUM, MO

EPA I.D. NUMBER: MOD006266373

ON

JANUARY 31 - FEBRUARY 2, 1995

BY

U.S. ENVIRONMENTAL PROTECTION AGENCY
Region VII
Environmental Services Division

INTRODUCTION

At the request of the Waste Management Division a RCRA Compliance Evaluation Inspection was conducted at the Doe Run Company - Herculanum Smelter, Herculanum, MO, as part of a consolidated level D multimedia inspection. The RCRA portion of the inspection was conducted under the authority of Section 3007 of the Resource Conservation and Recovery Act (RCRA), as amended. In addition to RCRA, the multimedia inspection consisted of full compliance evaluations under the CWA/NPDES, SDWA/UIC, CAA, and EPCRA. The SDWA/UIC inspection was conducted jointly with the Missouri Department of Natural Resources (MDNR), Division of Geological and Land Survey (DGLS). MDNR also participated in the RCRA portion of the inspection. Copies of the above inspection reports may be requested from the program representatives or MDNR. Sampling was conducted by EPA as part of the CWA/NPDES inspection. This narrative report and attachments present the significant findings and observations of the RCRA inspection.

PARTICIPANTS

The Doe Run Company - Herculanum Smelter:

Daniel L. Vornberg, Director of Environmental Affairs

James Lanzafame, Environmental Manager

Facility Address: 881 Main Street

Herculanum, MO 64048

(314) 479-5311

U.S. Environmental Protection Agency (EPA):

Kristan C. Goschen, RCRA inspection

Bruce Littell, CWA/NPDES inspection

Pete Fulweiler, CAA inspection

Ted Fritz, SDWA/UIC inspection

U.S. Environmental Protection Agency (EPA):
James Hirtz, EPCRA inspection

Missouri Department of Natural Resources:
Evan Kifer, DGLS, SDWA/UIC inspection
James Burris, SERO, RCRA/CAA inspection

MULTIMEDIA COMPLIANCE AND PROGRAM REPRESENTATIVES

Lead Enforcement Contact:
Kent Johnson, CNSL

Program Representatives:
RCRA, Dave Doyle
CWA/NPDES, Don Toensing
CAA, Mary Tietjen-Mindrup
EPCRA, Bob Jackson
SDWA/UIC, Gerald Foree

INSPECTION PROCEDURES

As noted in the introduction of this report, the RCRA inspection was conducted as part of a larger multimedia inspection. Upon arrival at Doe Run-Herculaneum, the inspectors contacted Mr. James Lanzafame and Mr. Daniel Vornberg. We identified ourselves and presented our credentials. Mr. Lanzafame acted as the official facility representative during the inspection. We arranged for an inbriefing and I explained that we were at Doe Run-Herculaneum to conduct a multimedia inspection. Each inspector explained the authority, purpose, and scope of their respective inspection. I explained that the RCRA inspection would consist of a discussion of facility operations, waste generation and waste management practices, a review of the required hazardous waste management plans, programs and records, and a visual inspection of all major hazardous waste generation and management areas. At the conclusion of the inspection I summarized and reviewed my findings and recommendations, as did the other inspectors. I provided Mr. Lanzafame with a copy of the RCRA Inspection Confidentiality Notice (Attachment 1). I also provided Mr. Lanzafame with a copy of the Notice of Violation and a receipt for the documents, copies, and samples collected during the inspection, both of which he signed (Attachments 2 and 3, respectively).

FACILITY DESCRIPTION

The Doe Run Company owns and operates an integrated lead mining, milling, smelting, and refining company in eastern Missouri. Company operations include six lead mines (in the Viburnum Trend), four mills, and two smelters. Lead ore, known as galena, is processed in the mills to form lead concentrate. The lead concentrate consists of approximately 80% lead sulfide.

The concentrate is shipped from the mills to the Herculanum smelter, located in Herculanum, Missouri. The Herculanum facility (Attachment 9) operates 24-hours per day, 350 days per year. The smelting operations occupy approximately 28 acres of a 620 acre site which is bordered on the east by the Mississippi river and on the west by residential areas. Currently the facility employs approximately 325 people and produced approximately 194,000 tons of lead in 1994. The following major process operations occur at the Herculanum facility.

• Sintering Operations

The Herculanum facility receives approximately 7-8 shipments of lead ore concentrate per day by rail car with smaller amounts being received by truck. Upon arrival at the site the concentrate is dumped into a large feed hopper. The concentrate moves from the feed hopper through several steps where materials from 23 different bins are mixed with the concentrate. The main purpose of this mixing is to reduce the concentration of lead sulfide in the concentrate from approximately 80% to approximately 50%. It is also to form the proper sinter feed mix. The sintering machine is a large natural gas fired furnace-like device. The natural gas is used to start a special coal/coke ignition charge in the sinter mix. Once ignited, the sinter mix burns via exothermic reaction. During the sintering process, excess sulfur is driven off and lead oxide clinker is formed. The clinker is then crushed, mixed with coke, and fed into one of three blast furnaces where it is reduced to metallic lead. It should be noted that only two blast furnaces are operated at any one time. This type of rotational operation allows repairs and maintenance to be performed on the blast furnace that is not in operation. Metallic lead, known as bullion, drains out of the blast furnace and is transferred to the dross furnace. The bullion is now ready to start through the refining process.

• Refining Operations

The refining process starts with the molten lead bullion being processed in the dross furnace. The bullion is then poured into one or more of 13 large kettles. Various metallurgical processes are used to remove zinc, copper, arsenides, and silver. Dross, skimmings of lighter metals and impurities, floats to the surface and is manually removed by a large crane operated dipper. Most of the dross is recycled through the sinter machine. A specialized vacuum condensation process is used on some of the kettles. The vacuum causes the remaining small quantities of zinc to condense out, thus providing a very high purity lead product. Silver and copper matte is removed during the refining process along with nickel "speiss". Speiss is a metallic arsenide and is not recycled. After the bullion has reached its specified level of purity, or has been alloyed to the proper

specifications, it is pumped through heated casting lines to the casting areas. Two casting processes are used. Bullion may be form casted into 60 pound pigs, ½ and 1 ton ingots, or it may be continuously cast into sheets that are approximately one inch thick. These sheets are then processed through a rolling mill which reduces their thickness from one inch to approximately .025 inches. The .025" sheet is then cut into strips and then wound into coils.

• Sulfuric Acid Production

Doe Run-Herculaneum produces sulfuric acid from the waste sulfur containing gases produced by the sintering operation. These gases are routed via ductwork and fans to the acid plant. The gases are converted into sulfuric acid through the use of a MONSANTO acid plant. This plant was installed in 1970 and produces approximately 50-60,000 tons of sulfuric acid per year. The acid is stored in on-site tanks until it can be loaded onto trucks, rail cars, or barges for off-site transport. Mr. Vornberg said that the manufacturing of sulfuric acid actually represents a net loss to the company. He said that the primary purpose of the acid plant is to process the sulfur containing air pollutants into a manageable form.

FINDINGS AND OBSERVATIONS

1. Waste Generation and Management

During the inspection I reviewed the facility's past and present waste generation and management activities. The facility has two major categories of waste management activities: One for on-site generated wastes; and one for the receipt of off-site generated wastes.

a. Major on-site generated wastes:

- Spent Safety-Kleen parts washer solvent is generated from the use of four parts washers. These parts washers are located in the Yard Garage, the Main Maintenance Shop (2 parts washers), and the Roundhouse Garage. The facility classifies this waste as D001, D006, D008, D018, D039, and D040. Based on review of the 1994 manifests (Attachment 6), approximately 790 lbs/mo of this waste is generated. This waste is recycled by Safety-Kleen, St. Charles, MO.

- Spent grease is generated during equipment maintenance throughout the facility. It is classified as D019 hazardous waste by the facility. Attachments 4 and 5 contain the MSDS sheet and Safety-Kleen waste analysis information on this grease. Based on a review of the 1994 manifests, approximately 1765 lbs/mo of waste is generated. This waste is handled by Safety-Kleen, Smithfield, KY, and is ultimately burned as fuel.

- Spent refractory bricks are generated when the blast furnaces are rebuilt. During the month of April 1994, approximately 41,580 lbs. of this material was generated and shipped off-site as D006/D008 hazardous waste. In 1993, approximately 449.65 tons of hazardous waste brick were generated. The material was landfilled by the Peoria disposal Company, Peoria, IL (Attachment 6-19, 6-20). At the time of the inspection the facility had a small pile of these bricks stored on a concrete pad (photo 3). Since the blast furnaces are always being repaired or rebuilt, it would appear that this waste stream would be routinely generated.

- Used oil is generated from maintenance activities at the three maintenance shops. Based on a review of the 1994 manifests, approximately 2600 lbs/mo of used oil is generated. The used oil is stored on-site in 55-gallon drums (photo 1) until Safety-Kleen, St. Charles, MO, picks it up for recycling.

- Used "rolling mill oil" is generated by the rolling mill located in the strip mill building. The rolling mill oil consists of a mixture of 5% Melkool 1204 and water. Melkool oil (Attachment 7) is a water emulsifiable oil which is used to cool and lubricate the lead sheets as they are being rolled thinner and thinner. Mr. Lanzafame said that the spent mixture is currently used for dust suppression on the concreted areas of the facility. He also said that all of the concreted areas drain into the facility's wastewater treatment system.

- Primary smelter slag is generated from the blast furnaces. This material is currently exempt from the definition of hazardous waste per 40 CFR 261.4(b)(7). The slag is landfilled on-site per an MDNR solid waste management permit.

- Nickel speiss is generated during the refining process. It contains approximately 41.9% lead, 0.02% cadmium, 3.19% arsenic, and 5.79% nickel. During 1993 approximately 16.5 tons (Attachment 10-2) of this material was disposed of as D004/D008 hazardous waste.

- Bag house dust, wastewater treatment sludge, and street sweeper dust are all fed back into the feed stream of the sinter plant as raw material feedstock substitutes.

b. Major off-site generated wastes:

- Doe Run-Herculaneum receives secondary smelter slag from the Doe Run-Buick facility, located in Boss, MO (Attachment 12). This is the only waste material currently received from an off-site source. Doe Run-Herculaneum receives approximately 50 tons per day by truck (Attachment 13). The trucks dump the material directly into a grizzly at the beginning of the sinter plant feed line. The grizzly crushes the slag into small pieces

which fall onto a conveyer belt that leads to a storage hopper. The storage hopper acts as a flow buffer as slag is fed to the sinter plant. According to Mr. Lanzafame, all secondary smelter slag is processed within 24 hours of arrival and without any interim storage. The slag is currently being used as a raw material feedstock substitute for silica sand. The substitution of the slag for sand began in early 1994 on a trial basis. According to Mr. Lanzafame, the substitution worked very well and Doe Run-Herculaneum is currently receiving the entire slag output of the Buick smelter (approximately 50 tons/day). The waste slag is manifested from Boss as D008 hazardous waste and is managed under Missouri Resource Recovery Certification number RR0419 (Attachment 8). The resource recovery certification also covers several potential recyclable materials which are not currently being recycled by Doe Run-Herculaneum. Only the secondary smelter slag is being recycled at this time. I reviewed the generation process of the secondary smelter slag at the Doe Run-Buick facility, its transport to Doe Run-Herculaneum, and its subsequent use by Doe Run-Herculaneum. Based on my review, it appears that the secondary smelter slag may not meet the definition of a solid waste per 40 CFR 261.(e)(1)(iii), as long as it can meet the definition of an effective raw material feedstock substitute.

2. RCRA Status

Based on a review of the facility's manifest, quarterly manifest reports (Attachment 6-3, 6-15, & 6-44), waste generation and management practices, the facility would be classified as a Missouri large quantity generator, e.g., generate or accumulate greater than 1000 kg/mo. Doe Run-Herculaneum routinely generates approximately 2550 lbs/mo (1161 kg) of hazardous waste. As noted earlier in this report, large shipments of hazardous refractory brick have been made in the last two years. Attachment 10 contains additional information, obtained by Mr. Jim Hirtz, which identify manifest numbers, quantities of waste shipped, and waste analysis data. Attachment 10-7 also contains information which identifies that Peoria Disposal Company is prepared to accept 400 cubic yards of spent refractory brick per year. I inspected the facility as a large quantity generator based on the above determination.

3. Apparent Regulatory Violations and Concerns

I discussed the regulatory status of the facility with Mr. Lanzafame. He said that he had been operating the facility as a small quantity generator and was complying with the small quantity generator regulations. I asked him if any of the facility documents would be written to comply with the additional regulatory requirements for large quantity generators. He said that they were not written to meet the large quantity generator standards. Neither Mr. Lanzafame nor Mr. Vornberg explained why

Doe Run-Herculaneum did not consider the large shipments of refractory brick in determining their generator status. During the inspection I observed the following regulatory violations:

a. NOV #1 - Failure to maintain LDR notifications

I reviewed the majority of the hazardous waste manifests and associated LDR notifications generated for the past 3 years (~90 total). LDR notifications were missing for all of the manifest shipments of waste grease (D019) and for the April, 1994 shipment of refractory brick. LDR notifications are required to be maintained on-site for a period of five years, per 40 CFR 268.7(a)(7).

b. NOV #2 - Failure to maintain manifest records, and

NOV #3 - Failure to use consecutive manifest numbers

During my review of the manifests, I did not observe the consistent use of consecutive manifest document numbers, as required by 10 CSR 25-5.262(2)(B), 2, A. I observed gaps or missing manifests for the following manifest numbers: 2d quarter, 1993, between #0961 and #0965; 3d quarter, 1993, no #0971; 4th quarter, 1993, a change in numbering system to #8001-6, #80008-80019, #09001, then back to #00981-00990; 1st quarter, 1994, no #00995; 2d quarter, 1994, no manifest for the 4/4/94 shipment of refractory bricks (Attachment 6-19, 6-20); and 3d quarter, 1994, no #10007. Manifest records are required to be maintained on-site for a period of 3 years, per 40 CFR 262.40(a).

c. NOV #4 - Containers not labeled as "Hazardous Waste"

During the inspection of the D019 waste grease storage container (photos 1 & 2), I observed that the container was not labeled with the words "Hazardous Waste", as required by 40 CFR 262.34(a)(3).

d. NOV #5 - Date of accumulation not marked on containers

During the inspection of the D019 waste grease storage container (photos 1 & 2), I observed that the container did not have an initial date of accumulation marked on it, as required by 40 CFR 262.34(a)(2).

e. NOV #6 - Open containers

I also observed that the container of D019 grease was not closed (photos 1 & 2), as required by 40 CFR 262.34(a)(1.)

f. NOV #7 - Large quantity generator requirements

1. Failure to have a contingency plan

I asked Mr. Lanzafame if Doe Run-Herculaneum had a contingency plan which met the requirements for large quantity generators specified at 40 CFR 265.51-54. Mr. Lanzafame said that they did have an extensive contingency plan but that it had not been designed to meet the specific RCRA requirements for large quantity generators.

2. NOV #3 - Failure to have a personnel training program

I asked Mr. Lanzafame if Doe Run-Herculaneum conducted personnel training in accordance with 40 CFR 265.16. He said that Doe Run-Herculaneum conducts extensive personnel training but that it was not designed to meet the specific requirements for large quantity generators.

g. Failure to make adequate waste determinations

The facility failed to make a waste determination, per 40 CFR 262.11, on a mixture of spent rolling mill oil and water. Mr. Lanzafame said that the mixture contains approximately 5% oil. He said that he thought he had conversations with either MDNR or EPA personnel that indicated that mixtures of less than 10% oil were not considered used oil. I advised him that I was unaware of any such specific percentage mix concentrations being identified in the regulations or guidance. In researching this question, Ms. Edyie Pynes, OSWER, EPA headquarters, said that anytime an oil is intentionally mixed with another product, such as water, the mixture will meet the definition of used oil when spent. At the time of the inspection I observed approximately 35, 55-gallon drums (photo 4) of this mixture on the south side of the rolling mill building. Mr. Lanzafame did not identify how long the drums had been stored in this location. Doe Run-Herculaneum is currently using the used rolling mill oil for dust suppression on their concrete surfaced roads. This violation was not identified on the NOV at the time of the inspection. It should be noted that if this waste is a hazardous waste, then the potential exists for unpermitted storage over 90-days and unpermitted disposal.

h. Operation of a Waste Pile

I observed a pile of refractory bricks stored on a concrete pad located southwest of the main refining area (photo 3). The bricks had been removed from one of the blast furnaces during maintenance. They are the same type of bricks which were previously D006/D008 hazardous waste and disposed of by the

Peoria Disposal Company, Peoria, IL. According to Mr. Lanzafame, the old refractory bricks will no longer be disposed of. He said that Doe Run-Herculaneum will crush the bricks and recycle them to reclaim the lead that sticks to the bricks while they are in the furnaces. At the time of the inspection I did not have a chance to fully evaluate this pile of bricks or their end use. Upon reviewing the management practices of the bricks, it appears that the bricks would meet the definition of a spent material. Spent material which are reclaimed meet the definition of solid wastes, and in this case, are D006/D008 hazardous waste. The bricks were stored in a pile on a concrete pad that was outside and not protected from wind or rain. Storage of hazardous waste in a pile as described above is regulated under 40 CFR 261.6(b)&(c), referencing 40 CFR 265.250. These regulations require that the pile be: 1. Protected from wind and rain; 2. Have a specialized containment system if leachate is generated and is hazardous (this was unknown at the time of the inspection); and 3. All new waste piles, e.g. post January 29, 1992 waste piles, must comply with the specialized design and operation requirements listed in 40 CFR 265.254 before wastes are placed in the pile. The waste pile did not comply with the above noted requirements. Mr. Lanzafame also did not specify the date in which the bricks were placed in the pile. If the bricks were stored over 90-days in the waste pile, Doe Run-Herculaneum would require a RCRA storage permit. These violations were not identified on the NOV at the time of the inspection.

i. Failure to Up-date Generator Registration

Missouri requires generators to up-date their notification of hazardous waste activity any time there is a change in generator status, per 10 CSR 25-5.262(2)(A), 4. This violation was not identified on the NOV at the time of the inspection.

j. Oily Water Wastes

In reviewing my notes upon return to the office, I noted that Doe Run-Herculaneum had generated approximately 12,125 gallons, 28,000 gallons, and 11,975 gallons during the first, third, and fourth quarters of 1993, respectively. This waste was identified as oily water, D098 (a Missouri waste code), on the Missouri Generator's Hazardous Waste Summary report documents. Mr. Lanzafame did not comment on the generation, waste analysis, management, or ultimate disposal of this waste stream during the inspection. It is also not known if this waste stream is the same as the rolling mill oil/water waste stream. Due to other inspection activities, I was unable to make copies of the above documents.

k. Nickel Speiss Reclamation

During 1993, approximately 16.5 tons of nickel speiss were disposed of. According to Mr. Lanzafame the facility plans on selling the nickel speiss generated during 1994, and speiss generated in the future, to a secondary metals reclaimer. He mentioned one such facility in Canada. Mr. Lanzafame did not identify how much nickel speiss was generated in 1994. However, during the inspection I observed, from a distance, what appeared to be between 50 and 100 drums labeled nickel speiss. These drums were located to the east and across from the main maintenance shop. I believe this material meets the definition of a characteristic by-product as it fails the TCLP for arsenic (D004) and lead (D008). The facility must show that at least 75% of the speiss is reclaimed per calendar year, otherwise the speiss is being accumulated speculatively. Mr. Lanzafame did not provide any documentation identifying the amount of speiss at the beginning or end of 1994, or at the beginning of 1995. If Doe Run-Herculaneum can not provide information that shows that 75% of the speiss was reclaimed during 1994, then the speiss would have been accumulated speculatively and is subject to the hazardous waste storage rules.

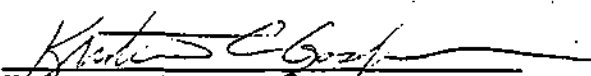
1. Waste Respirator Cartridges

In discussing the inspection with Mr. Jim Hirtz upon return to the office, Mr. Hirtz stated that he observed a pile of waste respirator cartridges at the facility. He said the pile was conical in shape, approximately 3 feet high and approximately 4 feet wide. He said that Mr. Lanzafame said that the used cartridges are recycled through the sinter plant. If a waste determination shows that these cartridges are hazardous wastes, then the potential exists for sham recycling of the material and operation of another unpermitted waste pile.

4. I explained to Mr. Lanzafame that Doe Run-Herculaneum is responsible for accurately determining their generator status and for complying with all applicable regulations.

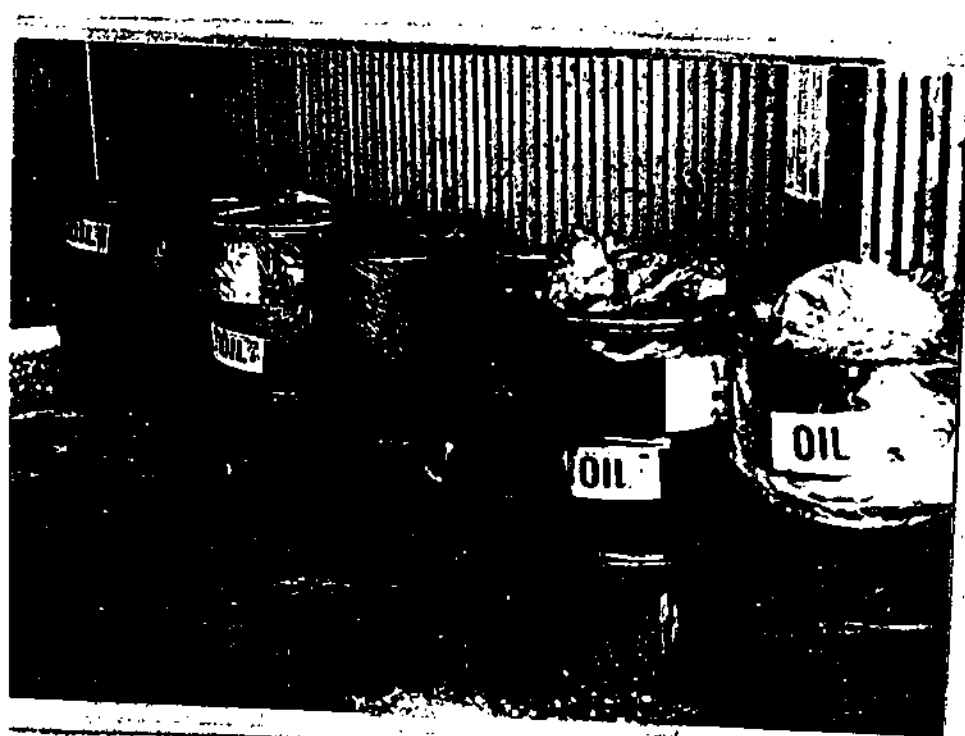
5. Pollution prevention and waste minimization information was provided to the facility.

6. Attachment 11 contains the applicable copies of the EPA generator inspection checklist.


Kristan C. Goschen
Multimedia Inspection Coordinator
Date: 4/12/95
Activity Number: AKF16

Attachments:

1. Confidentiality Notice (3 pages)
2. Notice of Violation (2 pages)
3. Document Receipt (1 page)
4. Grease MSDS Sheets (5 pages)
5. Safety-Kleen Grease Waste Analysis (4 pages)
6. Manifests and Quarterly Manifest Summary Reports (65 pages)
7. Rolling Mill Oil MSDS (3 pages)
8. Resource Recovery Permit (53 pages)
9. Map (1 page)
10. Information from Jim Hirtz (11 pages)
11. EPA Inspection Checklist (10 pages)
12. Boss Manifest (1 page)
13. Daily Slag Process Record (1 page)
14. Photos (4)



2

AKF16

Open container of DO19
used grease

KG

ZINNLOT 62

AKF 12

Used oil & Grease drums \$69

Ka

4

KG

AKP 16

waste rolling mill oil

3.

FG

AKF 16

pile of waste refractory brick

U.S.EPA INSPECTION CONFIDENTIALITY NOTICE (cont.)

Facility Name <i>The Doe Run Company</i>
Facility Address <i>Hercules, MO</i>

If you are not authorized by your company and there is no one on the premises of the facility who is authorized to make confidentiality claims, this notice will be sent by certified mail, along with the receipt for documents, samples, and other materials, to the authorized representative designated below.

Authorized Representative _____

Title _____

Address _____

If the authorized representative listed above requests confidential treatment, they must return a statement specifying any information which should receive confidential treatment and written comments in support of the claim based on factors listed in 40 CFR 2.204(e)(4).

This statement from the authorized representative should be mailed by registered, return-receipt requested mail within fifteen (15) calendar days of receipt of the Confidentiality Notice to the Inspector at the address listed on page 1.

Failure to submit confidentiality claims and comments within the fifteen (15) day period will be deemed a waiver of the claim pursuant to 40 CFR 2.205(d)(1).

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To be completed by the facility official receiving this Notice:

I have received and read this Notice.

Facility Representative Provided Notice (print)	Title
<i>JAMES M. LANZAFAME</i>	<i>ENVIRONMENTAL MANAGER</i>
Signature/Date	
<i>James M. Lanzafame</i>	<i>2/2/95</i>

(rev:1/20/93)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REQUEST FOR CONFIDENTIAL TREATMENT

Facility Name	The Doe Run Company
Facility Address	Herculaneum MO

Information for which confidential treatment is requested:

Acknowledgement of Claimant

The undersigned requests that confidential treatment of the information described be provided in accordance with provisions of the Freedom of Information Act (FOIA), 5 U.S.C. 552; EPA regulations issued thereunder, 40 CFR Part 2; and the applicable statute under which the information is obtained. The undersigned further acknowledges that they are authorized to make such claims for their firm.

The undersigned also certifies that each claimed item described above meets all of the following criteria (40 CFR 2.208):

1. Your company has taken measures to protect the confidentiality of the information, and it intends to continue to take such measures.
2. The information is not, and has not been, reasonably obtained without your company's consent by other persons (other than governmental bodies) by use of legitimate means (other than discovery based on showing of special need in a judicial or quasi-judicial proceeding).
3. The information is not publicly available elsewhere.
4. Disclosure of the information would cause substantial harm to your company's competitive position.

In addition, within 15 days of your claim, you must provide written comments in support of the claim, based on factors listed in 40 CFR 2.204(e)(4). Failure to submit comments by this deadline will be deemed a waiver of the claim pursuant to 40 CFR 2.205(d)(1).

Authorized Representative (print)	Signature/Date
No confidential treatment claimed during the inspection: <i>NO</i>	(Facility Representative's initials)
Inspector (print)	Signature/Date
KRIS GUSHER	<i>Kris Gusher</i> 1/31/95
U.S.EPA, Region VII, ENSV Division, 25 Funston Road, Kansas City, KS 66115	

(rev:1/20/93)

NOTICE OF VIOLATION PURSUANT TO REQUIREMENTS
OF THE RESOURCE CONSERVATION AND RECOVERY ACT (RCRA)

TO: Facility Name: The Doe Run Company

Address: 881 Main St

Herculaneum MO

EPA ID Number: MO0006266375

Date: 2/1/95

During an inspection just completed to determine compliance with the requirements of Subtitle C of RCRA and regulations promulgated pursuant thereto, the following violations were identified:

Citation	Description of Violation
1) 40 CFR 268.7 (a)(7)	Failure to maintain LDR notifications ^{and send w/} (0019) wastes
2) 40 CFR 262.40 (a)	Failure to maintain copies of all manifests records - 0019 0019
3) 10 CSR 25-5.262 (2)(B) 2, A	Failure to use consecutive manifest document #s (1992-1993)
4) 40 CFR 262.34 (a)(2)	Failure to label containers with words "Hazardous Waste" - 0019
5) 40 CFR 262.34 (a)(2)	Failure to date containers (0019) ^{get}
6) 40 CFR 265.173 (a)	Failure to keep container closed - (0019) ^{get}
7) 40 CFR 262.34 (a)(4)	Large quantity requirements: - Contingency Plan - Personnel Training

This notice is provided to call your attention to those areas of noncompliance at the earliest possible time. This notice does not constitute a compliance order (Administrative Civil Complaint) issued pursuant to Section 3008 of RCRA and may not be a complete listing of all violations which may be identified as a result of this inspection.

The Doe Run Company is hereby requested to submit in writing within 10 days of receipt of this notice a description of all corrective actions taken and/or a schedule for completion of necessary correction actions to be taken to: Lynn Harrison, Chief, RCRA Branch, U. S. Environmental Protection Agency, Region VII, 726 Minnesota Ave., Kansas City, Kansas, 66101. The corrective actions taken by The Doe Run Company will be considered in subsequent enforcement follow-up. Should civil penalties be assessed, corrective action(s) will be considered in assessing the penalty amount.

If you have any questions on this Notice or wish to discuss your response, you may call Gerald McKinnon (U. S. EPA) at (913) 551- , or , at .

This Notice prepared by Kurt E. Gosh Date: 2/2/95

The undersigned person hereby acknowledges that he/she has received a copy of this Notice and has read same.

Printed Name: JAMES M. LANZATAME Date: 2/2/95

Signature: James M. Lanzatame

Title: Environmental Manager

Attachment 3
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
RECEIPT FOR DOCUMENTS AND SAMPLES

Facility Name <i>The Doe Run Company</i>
Facility Address <i>Hercules MO</i>

Documents Collected? YES ☒ (list below) NO ☐

Samples Collected? YES ☐ (list below) NO ☒ Split Samples: YES ☐ NO ☒

Documents/Samples were: 1) Received no charge ☒ 2) Borrowed ☐ 3) Purchased ☐

Amount Paid: \$ Method: Cash ☐ Voucher ☐ To Be Billed ☐

The documents and samples described below were collected in connection with the administration and enforcement of the applicable statute under which the information is obtained.

Receipt for the document(s) and/or sample(s) described below is hereby acknowledged:

1) Manifests & Fr Reports (58 pages)

2) MSDS (8 pages)

3) S-K Waste Analysis (4 pages)

4) Map (1 page)

5) Resource Recovery Permit (53 pages)

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Facility Representative (print) <i>JAMES LANZAFAME</i>	Signature/Date <i>James M. Lanzafame 2/2/95</i>
Inspector (print) <i>KRIS GOSCHEN</i>	Signature/Date <i>Kris Goschen 1/31/95</i>
U.S.EPA, Region VII, ENSV Division, 25 Funston Road, Kansas City, KS 66115	

(rev:1/20/93)

MOBIL OIL CORPORATION MATERIAL SAFETY DATA BULLETIN

REVISÉ:03/06/91

***** I. PRODUCT IDENTIFICATION *****
MOBILUX EP 0

SUPPLIER:	HEALTH EMERGENCY TELEPHONE:
MOBIL OIL CORP.	(609) 737-4411
CHEMICAL NAMES AND SYNONYMS:	TRANSPORT EMERGENCY TELEPHONE:
PET. HYDROCARBONS AND ADDITIVES	(800) 424-9300 (CHEMTREC)
USE OR DESCRIPTION:	PRODUCT TECHNICAL INFORMATION:
EXTREME PRESSURE GREASE	(800) 662-4525

***** II. TYPICAL CHEMICAL AND PHYSICAL PROPERTIES *****

APPEARANCE: BROWN GREASE ODOR: MILD PH: NA
VISCOSITY AT 100 F, SUS: 900.0 AT 40 C, CS: 170.0
VISCOSITY AT 210 F, SUS: 75.0 AT 100 C, CS: 14.5
FLASH POINT F(C): > 400(204) (ESTIMATED (OIL COC))
MELTING POINT F(C): NA POUR POINT F(C): NA
BOILING POINT F(C): > 600(316)
RELATIVE DENSITY, 15/4 C: 1.089 SOLUBILITY IN WATER: NEGLIGIBLE
VAPOR PRESSURE-MM HG 20C: < .1
NOTE: MOST PHYSICAL PROPERTIES FOR OIL COMPONENT.
NA=NOT APPLICABLE NE=NOT ESTABLISHED D=DECOMPOSES
FOR FURTHER INFORMATION, CONTACT YOUR LOCAL MARKETING OFFICE.

***** III. POTENTIALLY HAZARDOUS INGREDIENTS *****

NONE

SEE SECTIONS XII AND XIII FOR REGULATORY AND FURTHER COMPOSITIONAL DATA.

SOURCES: A=ACGIH-TLV, A*=SUGGESTED-TLV, M=MOBIL, O=OSHA, S=SUPPLIER
NOTE: LIMITS SHOWN FOR GUIDANCE ONLY. FOLLOW APPLICABLE REGULATIONS.

***** IV. HEALTH HAZARD DATA *****

--- INCLUDES AGGRAVATED MEDICAL CONDITIONS, IF ESTABLISHED ---
EFFECTS OF OVEREXPOSURE: SLIGHT EYE IRRITATION. SLIGHT SKIN
IRRITATION.

***** V. EMERGENCY AND FIRST AID PROCEDURES *****

--- FOR PRIMARY ROUTES OF ENTRY ---

EYE CONTACT: FLUSH WITH WATER.
SKIN CONTACT: WASH CONTACT AREAS WITH SOAP AND WATER. HIGH PRESSURE
ACCIDENTAL INJECTION THROUGH THE SKIN REQUIRES IMMEDIATE MEDICAL
ATTENTION FOR POSSIBLE INCISION, IRRIGATION AND/OR DEBRIDEMENT.
INHALATION: NOT EXPECTED TO BE A PROBLEM.
INGESTION: NOT EXPECTED TO BE A PROBLEM. HOWEVER, IF GREATER THAN 1/2
LITER(PINT) INGESTED, IMMEDIATELY GIVE 1 TO 2 GLASSES OF WATER AND
CALL A PHYSICIAN, HOSPITAL EMERGENCY ROOM OR POISON CONTROL CENTER
FOR ASSISTANCE. DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH
TO AN UNCONSCIOUS PERSON.

***** VI. FIRE AND EXPLOSION HAZARD DATA *****

FLASH POINT F(C): > 400(204) (ESTIMATED (OIL COC))

FLAMMABLE LIMITS. LEL: .6 UEL: 7.0

EXTINGUISHING MEDIA: CARBON DIOXIDE, FOAM, DRY CHEMICAL AND WATER FOG.

SPECIAL FIRE FIGHTING PROCEDURES: WATER OR FOAM MAY CAUSE FROTHING.

USE WATER TO KEEP FIRE EXPOSED CONTAINERS COOL. WATER SPRAY MAY BE

USED TO FLUSH SPILLS AWAY FROM EXPOSURE. FOR FIRES IN ENCLOSED

AREAS, FIREFIGHTERS MUST USE SELF-CONTAINED BREATHING APPARATUS.

PREVENT RUNOFF FROM FIRE CONTROL OR DILUTION FROM ENTERING STREAMS

OR DRINKING WATER SUPPLY.

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE.

NFPA HAZARD ID: HEALTH: 0, FLAMMABILITY: 1, REACTIVITY: 0

***** VII. REACTIVITY DATA *****

STABILITY (THERMAL, LIGHT, ETC.): STABLE

CONDITIONS TO AVOID: EXTREME HEAT.

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZERS

HAZARDOUS DECOMPOSITION PRODUCTS: METAL OXIDES. CARBON MONOXIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

***** VIII. SPILL OR LEAK PROCEDURE *****

ENVIRONMENTAL IMPACT: REPORT SPILLS AS REQUIRED TO APPROPRIATE

AUTHORITIES. U. S. COAST GUARD REGULATIONS REQUIRE IMMEDIATE

REPORTING OF SPILLS THAT COULD REACH ANY WATERWAY INCLUDING

INTERMITTENT DRY CREEKS. REPORT SPILL TO COAST GUARD TOLL FREE

NUMBER (800) 424-8802. IN CASE OF ACCIDENT OR ROAD SPILL NOTIFY

CHEMTREC (800) 424-9300.

PROCEDURES IF MATERIAL IS RELEASED OR SPILLED: ADSORB ON FIRE RETARDANT

TREATED SAWDUST, DIATOMACEOUS EARTH, ETC. SHOVEL UP AND DISPOSE OF

AT AN APPROPRIATE WASTE DISPOSAL FACILITY IN ACCORDANCE WITH

CURRENT APPLICABLE LAWS AND REGULATIONS, AND PRODUCT

CHARACTERISTICS AT TIME OF DISPOSAL.

WASTE MANAGEMENT: PRODUCT IS SUITABLE FOR BURNING IN AN ENCLOSED,

CONTROLLED BURNER FOR FUEL VALUE OR DISPOSAL BY SUPERVISED

INCINERATION. SUCH BURNING MAY BE LIMITED PURSUANT TO THE RESOURCE

CONSERVATION AND RECOVERY ACT. IN ADDITION, THE PRODUCT IS

SUITABLE FOR PROCESSING BY AN APPROVED RECYCLING FACILITY OR CAN BE

DISPOSED OF AT ANY GOVERNMENT APPROVED WASTE DISPOSAL FACILITY.

USE OF THESE METHODS IS SUBJECT TO USER COMPLIANCE WITH APPLICABLE

LAWS AND REGULATIONS AND CONSIDERATION OF PRODUCT CHARACTERISTICS

AT TIME OF DISPOSAL.

***** IX. SPECIAL PROTECTION INFORMATION *****

EYE PROTECTION: NORMAL INDUSTRIAL EYE PROTECTION PRACTICES SHOULD BE EMPLOYED.

SKIN PROTECTION: NO SPECIAL EQUIPMENT REQUIRED. HOWEVER, GOOD PERSONAL HYGIENE PRACTICES SHOULD ALWAYS BE FOLLOWED.

RESPIRATORY PROTECTION: NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE AND WITH ADEQUATE VENTILATION.

VENTILATION: NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE AND WITH ADEQUATE VENTILATION.

***** X. SPECIAL PRECAUTIONS *****

NO SPECIAL PRECAUTIONS REQUIRED.

***** XI. TOXICOLOGICAL DATA *****

---ACUTE TOXICOLOGY---

ORAL TOXICITY (RATS): SLIGHTLY TOXIC (ESTIMATED) ---BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS.

DERMAL TOXICITY (RABBITS): SLIGHTLY TOXIC (ESTIMATED) ---BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS.

INHALATION TOXICITY (RATS): NOT APPLICABLE ---HARMFUL CONCENTRATIONS OF MISTS AND/OR VAPORS ARE UNLIKELY TO BE ENCOUNTERED THROUGH ANY CUSTOMARY OR REASONABLY FORESEEABLE HANDLING, USE, OR MISUSE OF THIS PRODUCT.

EYE IRRITATION (RABBITS): MAY CAUSE SLIGHT IRRITATION. EYE IRRITATION SCORES: 4.3 AT 1 HOUR, 1.7 AT 24 HOURS, 0.7 AT 48 HOURS, 0 AT 72 HOURS---BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS.

SKIN IRRITATION (RABBITS): MAY CAUSE SLIGHT IRRITATION ON PROLONGED OR REPEATED CONTACT. ---BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS.

---GENETIC TOXICOLOGY (SUMMARY)---

***NEGATIVE AMES TEST (ESTIMATED).

---SUBCHRONIC TOXICOLOGY (SUMMARY)---

SEVERELY SOLVENT REFINED AND SEVERELY HYDROTREATED MINERAL BASE OILS HAVE BEEN TESTED AT MOBIL ENVIRONMENTAL AND HEALTH SCIENCES LABORATORY BY DERMAL APPLICATION TO RATS 5 DAYS/WEEK FOR 90 DAYS AT DOSES SIGNIFICANTLY HIGHER THAN THOSE EXPECTED DURING NORMAL INDUSTRIAL EXPOSURE. EXTENSIVE EVALUATIONS INCLUDING MICROSCOPIC EXAMINATION OF INTERNAL ORGANS AND CLINICAL CHEMISTRY OF BODY FLUIDS, SHOWED NO ADVERSE EFFECTS.

---CHRONIC TOXICOLOGY (SUMMARY)---

THE BASE OILS IN THIS PRODUCT ARE SEVERELY SOLVENT REFINED AND/OR SEVERELY HYDROTREATED. CHRONIC MOUSE SKIN PAINTING STUDIES OF SIMILAR OILS SHOWED NO EVIDENCE OF CARCINOGENIC EFFECTS.

***** XII. REGULATORY INFORMATION *****
GOVERNMENTAL INVENTORY STATUS: ALL COMPONENTS REGISTERED IN ACCORDANCE
WITH TSCA.

DOT:

SHIPPING NAME: NOT APPLICABLE
HAZARD CLASS: NOT APPLICABLE

US OSHA HAZARD COMMUNICATION STANDARD: PRODUCT ASSESSED IN ACCORDANCE
WITH OSHA 29 CFR 1910.1200 AND DETERMINED NOT TO BE HAZARDOUS.

RCRA INFORMATION: THE UNUSED PRODUCT, IN OUR OPINION, IS NOT
SPECIFICALLY LISTED BY THE EPA AS A HAZARDOUS WASTE (40 CFR,
PART 261D); DOES NOT EXHIBIT THE HAZARDOUS CHARACTERISTICS OF
IGNITABILITY, CORROSIVITY, OR REACTIVITY, AND IS NOT FORMULATED
WITH THE CONTAMINANTS LISTED IN THE TOXICITY CHARACTERISTIC (TC)
RULE AS DETERMINED BY THE TOXICITY CHARACTERISTIC LEACHING
PROCEDURE (TCLP). HOWEVER, USED PRODUCT MAY BE REGULATED.

U.S. SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) TITLE III:
THIS PRODUCT CONTAINS NO "EXTREMELY HAZARDOUS SUBSTANCES".

SARA (302) REPORTABLE HAZARD CATEGORIES: NONE

THIS PRODUCT CONTAINS THE FOLLOWING SARA (313) TOXIC RELEASE CHEMICALS:

ZINC RESINATE	9010-69-9	1%
PHOSPHORODITHIOIC ACID, O,	101747-77-7	1.28%
O-BIS(ISO-BU AND ISO-PR AND PENTYL)		
ESTERS, ZINC SALTS.		

THE FOLLOWING PRODUCT INGREDIENTS ARE CITED ON THE LISTS BELOW:

CHEMICAL NAME	CAS NUMBER	LIST CITATIONS
ZINC RESINATE	9010-69-9	9, 14
ZINC (ELEMENTAL ANALYSIS) (.23%)	7440-66-6	15
CHLORINE (ELEMENTAL ANALYSIS) (.60%)	7782-50-5	15

--- KEY TO LIST CITATIONS ---

1 = OSHA Z, 2 = ACGIH, 3 = IARC, 4 = NTP, 5 = NCI,
6 = EPA CARC, 7 = NFPA 49, 8 = NFPA 325M, 9 = DOT HMT, 10 = CA RTK,
11 = IL RTK, 12 = MA RTK, 13 = MN RTK, 14 = NJ RTK, 15 = MI 293,
16 = FL RTK, 17 = PA RTK, 18 = CA P65.

--- NTP, IARC, AND OSHA INCLUDE CARCINOGENIC LISTINGS ---

NOTE: MOBIL PRODUCTS ARE NOT FORMULATED TO CONTAIN PCBS.

***** XIII. INGREDIENTS *****

INGREDIENT DESCRIPTION	PERCENT	CAS NUMBER
<----->	<-->	<----->
CONTAINS TWO OR MORE OF THE FOLLOWING	> 90.00	
BASE OILS:		
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC		64742-52-5
DISTILLATES (PETROLEUM), SOLVENT- REFINED HEAVY NAPHTHENIC		64741-96-4
RESIDUAL OILS (PETROLEUM), SOLVENT-DEWAXED		64742-62-7
LUBRICATING OILS (PETROLEUM), C>25 HYDROTREATED BRIGHT STOCK-BASED		72623-83-7
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC		64742-54-7
DISTILLATES (PETROLEUM), SOLVENT- DEWAXED HEAVY PARAFFINIC		64742-65-0
RESIDUAL OILS (PETROLEUM), SOLVENT-REFINED		64742-01-4
OCTADECANOIC ACID, 12-HYDROXY-, MONOLITHIUM SALT	< 3.00	7620-77-1
PARAFFIN WAXES AND HYDROCARBON WAXES CHLORINATED	< 2.00	63449-39-8
FATTY ACIDS, C16-22, LITHIUM SALTS	< 2.00	68783-36-8
PHOSPHORODITHOIC ACID, O,O-DI-C1-14 ALKYL ESTERS, ZINC SALTS	1.28	68649-42-3
RESIN ACIDS AND ROSIN ACIDS, ZINC SALTS	1.01	9010-69-9

***** APPENDIX *****

FOR MOBIL USE ONLY: (FILL NO: RR175A0AS3*330) MCN: , MHC: 1* 1* NA
1* 1*, MPPEC: A, PPEC: A, US90-827 APPROVE 03/06/91

INFORMATION GIVEN HEREIN IS OFFERED IN GOOD FAITH AS ACCURATE, BUT
WITHOUT GUARANTEE. CONDITIONS OF USE AND SUITABILITY OF THE PRODUCT FOR
PARTICULAR USES ARE BEYOND OUR CONTROL; ALL RISKS OF USE OF THE PRODUCT
ARE THEREFORE ASSUMED BY THE USER AND WE EXPRESSLY DISCLAIM ALL
WARRANTIES OF EVERY KIND AND NATURE, INCLUDING WARRANTIES OF
MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE IN RESPECT TO THE
USE OR SUITABILITY OF THE PRODUCT. NOTHING IS INTENDED AS A
RECOMMENDATION FOR USES WHICH INFRINGE VALID PATENTS OR AS EXTENDING
LICENSE UNDER VALID PATENTS. APPROPRIATE WARNINGS AND SAFE HANDLING
PROCEDURES SHOULD BE PROVIDED TO HANDLERS AND USERS.

PREPARED BY: MOBIL OIL CORPORATION

ENVIRONMENTAL HEALTH AND SAFETY DEPARTMENT, PRINCETON, NJ

FOR FURTHER INFORMATION, CONTACT:

MOBIL OIL CORPORATION, PRODUCT FORMULATION AND QUALITY CONTROL
3225 GALLOWES ROAD, FAIRFAX, VA 22037 (800) 227-0707 X3265

PROJECT: PREQUALIFICATION
BRANCH/TERRITORY: 516003
ST LOUIS

GENERATOR SURVEY

COMPLETED: 02/04/93
REVISED: 02/09/93



ACCEPT

* * REPRINT * *

ACCEPT

OIL SERVICES FUEL
DOE RUN
L

CONTROL #: 0000167545-8
LAB #: 0000060672-8
SURVEY #: 0000312095

CUSTOMER INFORMATION: 5160-03-7072

FEDERAL EPA ID: MOD006266373
STATE EPA ID: 001178

DOE RUN CO
881 MAIN ST
HERCULANEUM

MO 63048

ATTN: GARY L WALKER

BRANCH: 516003 - ST LOUIS

GENERATOR: DOE RUN
NATURE OF BUSINESS: LEAD PRODUCTS
FACILITY ADDRESS: FOR MANIFEST
881 MAIN ST
HERCULANEUM MO 63048
S.I.C. NO:
BILLING:
GENERAL DESCRIPTION: OIL
PROCESS DESCRIPTION: MAINT
GENERATION AMOUNT: 300 GALLONS PER QUARTER
AMOUNT ON HAND: 13 IN DRUMS
SHIPPING FREQUENCY: MTH IN EITHER DRUMS OR BULK
COLOR: BLK PCT SOLIDS NOT SAMPLED: PH RANGE: 4-10
LAYERS OR PHASES: ONE PHYSICAL STATE: LIQUID VISCOSITY: LOW
MATERIAL COMPOSITION: VOL% CODE MAX TYPICAL
OIL, PETROLEUM 0 100.00
ATTACHMENTS: NONE
RESTRICTED SUBSTANCES: NONE
HAZARD CLASS: NUMBER: NEED ASSISTANCE
EPA WASTE DESCRIPTION AND TREATMENT STANDARDS: RCRA HAZARDOUS WASTE: NO
OTHER EPA WASTE CODES: D019
IS MATERIAL NOT A WASTE? NO IS THIS WASTE AN USED OIL? YES IS THIS WASTE EXEMPT? NO
NOT RCRA WASTE SIGNATURE? YES 01/27/1993 STATE WASTE CODES: NOT SURE
REGULATED CHEMICAL CODES: NOT SURE
P.O. NO: TYPE OF SAMPLE: COMPOSITE # OF DRUMS SAMPLED: 1 TAKEN BY: SK REP
NAME: GARY L WALKER TITLE: INDUSTRIAL HYGIENIST 01/27/1993 (314) 933-3112
COMMENTS: HIGH VISCOSITY OIL/GREASE

REVISION: 02/09/1993 08:02 CATHY CHILLELI
OTHER EPA FR:
ADDED D019 PER SMF

TO: D019

CONTINUED ON NEXT PAGE

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ACCEPT

* * REPRINT * *

ACCEPT

OIL SERVICES FUEL
DOE RUN
OIL

CONTROL #: 0000167545-8
LAB #: 0000060672-8
SURVEY #: 0000312095

CORPORATE REVIEWS: DISPOSITION REVIEWER DATE
TECHNICAL: ACCEPT CAP 02/04/93
REGULATORY: ACCEPT MJK 02/04/93
OPERATING: ACCEPT JWH 02/04/93

POSSIBLE FACILITIES:
658

PRICING CODE:
PART NUMBER: 82112
WASTE, NON-PUMPABLE

APPROVED FACILITIES:

SAFETY-KLEEN CORP
STATE HWY 146
NEW CASTLE KY 40050
FED EPA#: KYD053348108
STATE EPA#:
TELEPHONE: 502/845-2453
STATE CODE:

APPROVD 0001270 DRUM OR BULK
DOT-EPA RQ HAZARDOUS WASTE, LIQUID, N.O.S.
DESC. 9 NA3082 PG III (DO19)(ERG#31)

0000888 NOT FOR MANIFEST
PROPER SHIPPING DESCRIPTION WAS BASED ON
SURVEY INFORMATION RATHER THAN ANALYSIS.
SEE COMMENTS FOR DETAILS AND NOTICES.

EPA WASTE CODES
DO19

COMMENTS: OK FOR NONPUMPABLE FUEL. DO19 PER SURVEY.

THIS SERVES AS NOTICE PER, 40CFR264.12(B), THAT THE FACILITY(IES) NOTED ABOVE
HAS THE APPROPRIATE PERMITS AND IS WILLING TO RECEIVE THE MATERIAL DESCRIBED.

OZONE DEPLETING SUBSTANCE (ODS) WARNING

WARNING: CONTAINS

<input type="checkbox"/> 1,1,1-TRICHLOROETHANE(METHYLCHLOROFORM),	<input checked="" type="checkbox"/> CARBON TETRACHLORIDE
<input type="checkbox"/> CHLOROTRIFLUOROMETHANE(CFC-13),	<input type="checkbox"/> DICHLORODIFLUOROMETHANE(CFC-12)
<input type="checkbox"/> DICHLOROTETRAFLUORETHANE(CFC-114),	<input type="checkbox"/> TETRACHLORODIFLUOROETHANE(CFC-112)
<input type="checkbox"/> TRICHLOROFLUOROMETHANE(CFC-11),	<input type="checkbox"/> TRICHLOROTRIFLUOROETHANE(CFC-113)
<input type="checkbox"/> OTHER (NAME MUST BE TYPED)	

SUBSTANCE WHICH HARMS PUBLIC HEALTH AND ENVIRONMENT BY DESTROYING OZONE IN THE UPPER ATMOSPHERE.
CHECK ALL THE ABOVE THAT APPLY.

AFFIX THE LABEL WITH SAFETY-KLEEN PARTS NUMBER 81473 ON EACH DRUM CONTAINING
THIS WASTE STREAM AND MARK THE LABEL AS SHOWN ON THE PREQUAL.

CONTINUED ON NEXT PAGE

5-2

ACCEPT
OIL SERVICES FUEL
DOE RUN
OIL

* * REPRINT * *

ACCEPT

CONTROL #: 0167545-8
SURVEY #: 312095

GENERAL ANALYSIS OF TOTAL SAMPLE

COLOR : DK BROWN
NON-VOLATILE RESIDUE: 97.6 WT% DESCRIPTION: SLUDGE
FLAMMABILITY :
FLAMMABILITY : NO FLASH AT 75 F BY SETAFLASH
PH : EXTRACT BY METER 5.7
RADIOACTIVITY : NONE DETECTED
COMMENTS: NO FLASH AT 202F NVR AT 200C=81.2 SLUDGE BULK DEN

FUEL EVALUATION OF TOTAL SAMPLE

HEAT CONTENT: 18900 BTU/LB
TOTAL CHLORINE CL: 0.4 WT%
TOTAL BROMINE BR: < 0.1 WT%
ASH UPON COMBUSTION: < 1.0 WT%
TOTAL SULFUR S: 0.2 WT%
TOTAL FLUORINE F: < 0.1 WT%

GENERAL COMPOSITION:

	SPECIFIC GRAVITY	VISCOSITY (CENTIPOISE)	GENERAL COMPOSITION BY:	
			APPEARANCE (VOL%)	TOTAL (WT %)
AQUEOUS PHASE (FREE WATER).....			0.0	0.0
ORGANIC PHASE (FEEDSTOCK).....			0.0	0.0
BOTTOM SLUDGE (SEMISOLIDS).....			100.0	100.0
BOTTOM SOLID (SETTLED SOLIDS).....			0.0	0.0
TOTAL	.920	8300 CPS	100.0	100.0

VOLATILE ORGANIC COMPOSITION OF SLUDGE BY GAS CHROMATOGRAPHY

SAMPLE PREPARATION METHODS: CS2-EXTRACT, METHANOL-EXTRACT, HEXANE-EXTRACT,
DETECTION METHODS : FID, FID, ECD

COMPOUND NAME	CODE	CAS NUMBER	COMPOSITION OF: VOLATILE ORGANICS (PPM)
CARBON TETRACHLORIDE (ODS)	(D019)	CCL4	56-23-5 1.0
TOTAL			1.0

SUMMARY OF VOLATILE ORGANIC COMPOSITION BY COMPOUND CHEMICAL CLASS PPM:

ALCOHOLS	ALIPHATIC HYDROCARBONS	
AROMATIC HYDROCARBONS	CHLORINATED SOLVENTS	1.0
ESTERS	ETHERS	
GLYCOL ETHERS	INHIBITORS	
KETONES	NITROGEN COMPOUNDS	

SPECIFIC ORGANIC COMPOSITION

POLYCHLORINATED BIPHENYLS (PCBS): NONE DETECTED <

ADDITIONAL ANALYTICAL INFORMATION: FID: NONE 100.0%

LABORATORY REVIEW: A			TRACKING INFORMATION:		DATE	FACILITY
LEVEL:	SEG CODE:	RELEASED: 02/04/93	SURVEY RECEIVED :		02/01/93	SK TECHNICAL CEN
LAB REVIEWERS:	MS MS	ANALYZED: 02/04/93	SAMPLE RECEIVED :		02/01/93	
			RESAMPLE SHIPPED :			
			RESAMPLE RECEIVED:			

THE ANALYSES CONTAINED HEREIN ARE PERFORMED SOLELY FOR THE PURPOSE OF QUALIFYING THE ANALYZED MATERIALS FOR ACCEPTANCE BY SAFETY-KLEEN IN ACCORDANCE WITH ITS PERMITS AND PROCESSING CAPABILITY.

MARKETING NOTATIONS: (TYPE "F" OR "E")

(0002) OK CATEGORY 82101 PLUS UNSCHEDULED PER JOHN LUCKS

NO LAND DISPOSAL RESTRICTION OF WASTE CAN BE IDENTIFIED BASED ON S-K ANALYSIS.

ANALYSIS DOES NOT INDICATE THAT MATERIAL IS CALIFORNIA LIST HALOGENATED ORGANIC COMPOUND WASTE.

PROPER D.O.T. SHIPPING NAME RQ Hazardous Waste,
Liquid, N.O.S. 9 NA3082 PG III
(D019)(ERG #31)
#312095

HAZARDOUS WASTE

FEDERAL LAW PROHIBITS IMPROPER DISPOSAL
IF FOUND, CONTACT THE NEAREST POLICE, OR PUBLIC SAFETY
AUTHORITY, OR THE U.S. ENVIRONMENTAL PROTECTION AGENCY.
IN EVENT OF EMERGENCY CALL SAFETY-KLEEN CORP.
1-708-888-4660 (24 hours)

GENERATOR INFORMATION: 5-160-03-7072

ACCOUNT NO.

NAME

Doe Run

ADDRESS

881 Main St.

ADDRESS

CITY/STATE

Herculaneum, MO 63048

USA EPA

ID NO.

MOD006256373

STATE EPA

ID NO.

001176

ACCUMULATION

START DATE

MANIFEST
DOCUMENT NO.

TRANSFER

START DATE

TSD

STORAGE DATE

CONTAINER NO.

USE LABEL BY

(SERVICE DOCUMENT)

(PALLET)

CONT #

SK DOT #

MANF #

GEN

DOC #

EXPIRES

ACTUAL
WT/GAL

ACTUAL
WT/GAL

SK1224 (12/92)

THE
DOE RUN
COMPANY
SMELTING DIVISION

DANIEL L. VORNBERG
DIRECTOR OF ENVIRONMENTAL AFFAIRS

April 26, 1994

Mr. Kurt Hilsenbeck
MDNR
Waste Management Program
P.O. Box 176
Jefferson City, MO 65102

Re: Generator's Hazardous Waste Summary Report

Dear Mr. Hilsenbeck:

Enclosed you will find our Generator's Hazardous Waste Summary Report for the first quarter of 1994.

Should you have any questions, please feel free to contact me at (314) 933-3143.

Sincerely,

James M. Lanzafame
Environmental Manager

SFTKLEEN

SAFETY KLEEN SOLVENT RECYCLED

1ST QUARTER 1994

WEEK ENDING	OILY WATER GALLONS	WASTE OIL GALLONS	WASTE NAPHTHA GALLONS	WASTE GREASE POUNDS
01/08/94			56	
01/22/94			55	
01/29/94				1684
02/05/94			54	
02/16/94			55	
03/12/94				842
03/19/94			89	
03/26/94				2528

TOTALS

0
GALLONS

0
GALLONS

309
GALLONS

5054
POUNDS



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
(314) 751-3176

DOE RUN CO., THE
CONTACT: JAMES M. LANZAFAME
881 MAIN STREET
HERCULANEUM MO 63048
EPAID=MOD006266373 MOID=001176

GENERATOR'S HAZARDOUS WASTE SUMMARY REPORT - PART I

GENERATOR'S EPA I.D. NUMBER

M.O.D.0.0.6.2.6.6.3.7.3

GENERATOR'S MISSOURI I.D. NUMBER

0.0.1.1.7.6

NOTE: THE FEDERAL EPA AND MISSOURI GENERATOR I.D. NUMBERS ARE ASSIGNED EXCLUSIVELY TO THE SITE WHERE WASTE IS PRODUCED. YOU MUST NOTIFY THE DEPARTMENT IF THE ADDRESS FOR THE SITE OF GENERATION CHANGES.

NOTE ► PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

SECTION A - REPORT IDENTIFICATION

1. TYPE OF REPORT (CHECK ONE)

☒ QUARTERLY ☐ ANNUAL

(IF ANNUAL CHECKED, PLACE X IN 6-30 BOX)

2. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 9-30-____ (YEAR)

☐ 12-31-____ (YEAR)

☒ 3-31-94 (YEAR)

☐ 6-30-____ (YEAR)

3. PAGE

1 OF 3

SECTION B - GENERATOR IDENTIFICATION

NOTE: Any change in either the mailing or site address from previous reports requires renotification to the Department.

GENERATOR'S NAME ☒ SAME AS LABEL

GENERATOR CONTACT PERSON (NAME) ☒ SAME AS LABEL

TELEPHONE NUMBER

(314) 933-3143

MAILING ADDRESS

881 Main St

CITY

Herculaneum

STATE

MO

ZIP CODE

63048

PLANT SITE ADDRESS ☒ SAME AS LABEL

CITY

STATE

ZIP CODE

NAME OF PARENT FIRM

RENCO

OFFICE USE ONLY

SECTION C - STATUS OF WASTE GENERATED (CHECK ONE)

☒ SHIPPED OFF-SITE. Complete part 2, attach completed hazardous waste manifests, sign certification and transmit to the department.

10.

REPORTABLE QUANTITY NOT GENERATED. Sign certification and transmit to the department. (Do not complete Part 2)

11.

REPORTABLE QUANTITY GENERATED BUT NOT SHIPPED OFF-SITE THIS QUARTER. Sign certification and transmit to the department. (Do not complete Part 2).

SECTION D - COMMENTS

12. 12.A Per telephone conversation with Kurt Hilsenbeck of the Waste Management Program on August 4, 1988, neither manifest or Safety-Kleen invoice is required for quantities of Safety-Kleen solvent less than 1000KKg per month.

SECTION E - CERTIFICATION STATEMENT

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

PRINT NAME

John FitzSimmons

SIGNATURE

DATE



HAZARDOUS WASTE PROGRAM
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
(314) 751-3176

**GENERATOR'S HAZARDOUS WASTE
REPORT SUMMARY SHEET - PART II**

AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

GENERATOR NAME

The Doe Run Company

EPA ID NUMBER

M-0-D-0-0-6-2-6-6-3-7-3

MISSOURI I.D. NUMBER

0-0-1-1-7-6

PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

ATTENTION. Summarize all shipments made to the hazardous Waste Management Facility you have identified in Section G below. Additional pages are required for each off-site management facility utilized.

SECTION F - REPORT IDENTIFICATION (AS SHOWN ON PART I)

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 9-30- (YEAR)

☐ 12-31- (YEAR)

☒ 6-30-94 (YEAR)

☐ 6-30- (YEAR)

2. PAGE

2 OF 3

SECTION G - FACILITY IDENTIFICATION

FACILITY NAME (NAME OF OFF-SITE LOCATION WHERE WASTE WAS DELIVERED)

Safety Kleen Corporation

FACILITY SITE ADDRESS

4526 Towne Ct.

CITY

St. Charles

STATE

MO

ZIP CODE

63103

4. FACILITY'S EPA I.D. NUMBER

M-0-D-0-9-5-4-8-6-3-1-2

6. FACILITY'S MISSOURI I.D. NUMBER

H-0-0-2-3

SECTION H - WASTE IDENTIFICATION

7. DESCRIPTION OF WASTE SHIPPED TO THE FACILITY LISTED ABOVE	8. DOT HAZARD CODE	9. EPA HAZARDOUS WASTE NUMBER	10. TAX CODE (SEE INST.)	11. TOTAL AMOUNT OF WASTE	12. UNIT OF MEAS.	13. SPECIFIC GRAVITY	14. FINAL HANDLING CODE
Oilly Water	.	D-0-9-8 . . .		0	G	8.0	T54
Waste Oil (Not U.S. DOT Hazardous Material), Not U.S. EPA Hazardous Waste S.K. DOT 1073	.	D-0-9-8 . . .		0	G	0.9	T54
Petroleum Naptha	.	D001- D018- D039- . . .		309		0.8	T54

SECTION I - TRANSPORTATION SERVICES UTILIZED

15. COMPANY NAME	16. MISSOURI ID NO.	17. US EPA I.D. NUMBER
a. Safety Kleen Corporation	H-1-2-7-3	I-L-D-0-5-1-0-6-0-4-0-8
b.	H- . . . .	. . . . .
c.	H- . . . .	. . . . .

SECTION J - COMMENTS



HAZARDOUS WASTE PROGRAM
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
(314) 751-3176

**GENERATOR'S HAZARDOUS WASTE
REPORT SUMMARY SHEET - PART II**

AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

GENERATOR NAME

The Doe Run Company

EPA ID NUMBER

M.O.D.0.0.6.2.6.6.3.7.3

MISSOURI I.D. NUMBER

0.0.1.1.7.6

NOTE ▶ PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

ATTENTION: Summarize all shipments made to the Hazardous Waste Management Facility you have identified in Section G below. Additional pages are required for each off-site management facility utilized.

SECTION F - REPORT IDENTIFICATION (AS SHOWN ON PART I)

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 8-30- (YEAR)

☐ 12-31- (YEAR)

☒ 3-31-94 (YEAR)

☐ 6-30- (YEAR)

2. PAGE

3 OF 3

SECTION G - FACILITY IDENTIFICATION

3. FACILITY NAME (NAME OF OFF-SITE LOCATION WHERE WASTE WAS DELIVERED)

Safety-Kleen Corporation

5. FACILITY SITE ADDRESS

Sate Hwy 146

CITY

New Castle

STATE

KY

ZIP CODE

40050

4. FACILITY'S EPA I.D. NUMBER

K.Y.D.0.5.3.3.4.8.1.0.8

6. FACILITY'S MISSOURI I.D. NUMBER

RRKY02

SECTION H - WASTE IDENTIFICATION

1. LINE	2. DESCRIPTION OF WASTE SHIPPED TO THE FACILITY LISTED ABOVE	8. DOT HAZARD CODE	9. EPA HAZARDOUS WASTE NUMBER	10. TAX CODE (SEE INST.)	11. TOTAL AMOUNT OF WASTE	12. UNIT OF MEAS.	13. SPECIFIC GRAVITY	14. FINAL HANDLING CODE
1	RQ Hazardous Waste, Liquid, N.O.S. 9	.	0.0.1.9	.	5054	P	0.9	T 5 0
2	NA3082 PG III (D019) (ERG #31)	.	.	.			.	.
3		.	.	.			.	.
4		.	.	.			.	.
5		.	.	.			.	.
6		.	.	.			.	.
7		.	.	.			.	.
8		.	.	.			.	.

SECTION I - TRANSPORTATION SERVICES UTILIZED

15. COMPANY NAME	16. MISSOURI ID NO.	17. US EPA I.D. NUMBER
a. Safety-Kleen Corporation	H-1.2.7.3	M.O.D.0.9.5.4.8.6.3.1.2
b. Safety-Kleen Corporation	H-1.2.7.3	I.L.D.0.5.1.0.6.0.4.0.8
c. Schneider Tank Lines	H-1.4.7.3	W.I.D.9.8.0.9.0.4.7.4.2

SECTION J - COMMENTS

18.

INSTRUCTIONS FOR THE COM-
PLETION OF THIS FORM ARE ON
REVERSE SIDE.
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MISSOURI DEPARTMENT OF NATURAL RESOURCES
Division of Environmental Quality
Waste Management Program
P.O. Box 176 Jefferson City, Missouri 65102
314-751-3176

EMERGENCY RESPONSE
U.S. COAST GUARD
1-800-424-8802
CHEM TREC
1-800-424-9300
DEPT. OF NATURAL RESOURCES
314-634-2436

HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12-Pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page	Information in the shaded areas
		MOD006266373	100991	1 of 1	Is required by State Law.
3. Generator's Name and Mailing Address 881 MAIN ST HERCULANEUM DOE RUN CO		4. Generator's Phone 314 479-5311 MO, 63048		A. Missouri Manifest Document Number 02011176 0 991	
5. Transporter 1 Company Name Safety-Kleen Corp.		6. US EPA ID Number MOD095486312		B. G.S.T. (Gen. Site Address) Same as 5.	
7. Transporter 2 Company Name		8. US EPA ID Number		C. MO. Transporter's ID H-31273 P30614	
9. Designated Facility Name and Site Address Safety-Kleen Corp. 4526 Towne Ct. St. Charles, MO 63304		10. US EPA ID Number MOD095486312		D. Transporter's Phone 314 441-0104	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID NUMBER) 20- Waste Combustible Liquid, N.O.S. (Petroleum Naphtha) NA1993 PG III (D001) (ERG #27)		12. Containers 2 DM		13. Total Quantity 56	14. Unit G
15. Special Handling Instructions and Additional Information 24HR. EMERG. RESP. #1-708-888-4660 IF UNDELIVERABLE, RETURN TO GENERATOR. SKDOT# A-585		16. Generator's Certification I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and applicable state regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, If I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.		17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name: SUSAN PEARCE Signature: Susan Pearce Date: 10/10/39/4	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name: CHIFF WILSON Signature: Chiff Wilson Date: 10/11/39/4		19. Discrepancy Indication Space		20. Designated Facility Owner or Operator: Certification of receipt and handling of hazardous materials covered by this manifest except as noted in item 19. Printed/Typed Name: MAGGIE WISEMAN Signature: Maggie Wiseman Date: 11/10/39/4	

5-160-03

INSTRUCTIONS FOR THE COM-
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MISSOURI DEPARTMENT OF NATURAL RESOURCES

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Waste Management Program
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314-751-3176EMERGENCY RES:
U.S. COAST GUARD
1-800-424-68
CHEM TREC
1-800-424-93
DEPT. OF NATURAL P
314-634-2400

HAZARDOUS WASTE MANIFEST

Please print or type. (Form designed for use on elite (12-Pitch) typewriter.)

Form Approved. OMB No. 2050-0039, Expires 9-30

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. MOD 006266373		Manifest Document No. 100992		2. Page 1 of 1		Information in the shaded areas is required by State Law.	
3. Generator's Name and Mailing Address DOE RUN CO 881 MAIN ST HERCULANEUM MO 63048-1222						A. Missouri Manifest Document Number 0-0-1-1-7-6-0-992			
4. Generator's Phone (314) 479-5311						B. G.S.I. (Gen. Site Address) SAME			
5. Transporter 1 Company Name SAFETY-KLEEN CORP.						C. MO. Transporter's ID H-1273P390612			
7. Transporter 2 Company Name						D. Transporter's Phone 314 441-0104			
8. US EPA ID Number MOD 095486312						E. MO. Transporter's ID			
9. Designated Facility Name and Site Address SAFETY-KLEEN CORP. 4526 TOWNE COURT ST CHARLES, MO 63304						F. Transporter's Phone			
10. US EPA ID Number 5-160-03						G. State Facility's ID HH-0023			
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID NUMBER)						H. Facility's Phone 314 441-0104			
12. Containers						13. Total Quantity			
14. Unit Wt/Vol						1. Waste No.			
a. WASTE COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM NAPHTHA) NA1993 PGIII (D001) (ERG#27) 6.7 LBS./GAL						EPA WASTE CODE D001			
b. RQ WASTE COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM NAPHTHA) NA1993 PGIII (D001) (ERG#27) 6.7 LBS./GAL						EPA WASTE CODE D001			
c.						EPA WASTE CODE			
d.						EPA WASTE CODE			
J. Additional Descriptions for Materials Listed Above						K. Handling Code (Facility Use Only)			
a. D039 D018 6.7 LBS/GAL SZ=3						Interim S02 Final 154 Comments			
b. D039 D018 6.7 LBS/GAL SZ=3						Interim S02 Final 154 Comments			
c.						Interim S02 Final 154 Comments			
d.						Interim S02 Final 154 Comments			
15. Special Handling Instructions and Additional Information 9403 63652606 012774 5-160-03-7072 03 IF UNDELIVERABLE, RETURN TO GENERATOR. EMERGENCY RESP#708-888-4660 24HR. SKDOT# A: 501 B: 585 C: D:									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and applicable state regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name SUSAN PICARELLA						Signature <i>Susan Picarella</i>			
17. Transporter 1 Acknowledgement of Receipt of Materials						Month Day Year 10/12/94			
Printed/Typed Name CLIFF WILSON						Signature <i>Cliff Wilson</i>			
18. Transporter 2 Acknowledgement of Receipt of Materials						Month Day Year 10/12/94			
Printed/Typed Name S						Signature <i>S</i>			
19. Discrepancy Indication Space									
Designated Facility Owner or Operator: Certification of receipt and handling of hazardous materials covered by this manifest except as noted in item 19.									
Printed/Typed Name MAGGIE WISOMAN						Signature <i>Maggie Wisoman</i>			
						Month Day Year 10/12/94			

5-160-03
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DEPT. OF NATURAL RESOURCES
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HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12-Pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. MOD 006266373	Manifest Document No. 00994	2. Page 1 of 1	Information in the shaded areas is required by State Law.
3. Generator's Name and Mailing Address DOE RUN CO 881 MAIN ST HERCULANEUM 4. Generator's Phone (314) 479-5311		5. US EPA ID Number MOD 095486312		A. Missouri Manifest Document Number 0011176 B. G.S.I. (Gen. Site Address) Same	
5. Transporter 1 Company Name SAFETY-KLEEN CORP.		6. US EPA ID Number MOD 095486312		C. MO. Transporter's ID H1273 P3906-K	
7. Transporter 2 Company Name Safety-Kleen Corp.		8. US EPA ID Number ILD984908202		D. Transporter's Phone 314 441-0104	
8. Designated Facility Name and Site Address SAFETY-KLEEN CORP. STATE HWY 146 NEW CASTLE KY 40050		10. US EPA ID Number 0-006-58		E. MO. Transporter's ID H-1273 P3906 F. Transporter's Phone 618-398-6918	
		10. US EPA ID Number KYD 053348108		G. State Facility's ID RRKY02	
				H. Facility's Phone 502 845-2453	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID NUMBER) a. RQ Hazardous Waste, Liquid, N.O.S. 9 NA3082 PG III (D019)(ERG #31)		12. Containers 4 DM 1684		13. Total Quantity	14. Unit Unit Vol.
b.					EPA WASTE CODE D019
c.					STATE
d.					EPA WASTE CODE
					STATE
15. Special Handling Instructions and Additional Information Il Trans ID: IL-1123 012775 EMERGENCY RESP#708-888-4660 24HR IF UNDELIVERABLE RETURN TO GENERATOR SKDOT# A: 1270 B: C: D:		K. Handling Code (Facility Use Only) Interim Final Comments S01/156			
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and applicable state regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Susan Picarella		Signature Susan Picarella		Month Day Year 8/12/89	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name CLIFF WILSON		Signature Cliff Wilson		Month Day Year 10/12/89	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name PAT TEUBAUGH		Signature Pat Teubaug		Month Day Year 12/9/89	
19. Discrepancy Indication Spec Sect. A - Corrected to 001176					
Designated Facility Owner or Operator: Certification of receipt and handling of hazardous materials covered by this manifest except as noted in item 19. Printed/Typed Name Dianne Louden					
Signature Dianne Louden					
Month Day Year 12/04/94					

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MISSOURI DEPARTMENT OF NATURAL RESOURCES
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HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12-Pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. MOD006266373	Manifest Document No. 100994	2. Page 1 of 2	Information in the shaded areas is required by State Law.
3. Generator's Name and Mailing Address Doe Run Co. 881 Main St. Herculeanum, MO 63048		4. Generator's Phone () 314-479-5311		A. Missouri Manifest Document Number 00117600994	
5. Transporter 1 Company Name SCHNEIDER TANK LINES		6. US EPA ID Number WTD980904742		C. MO. Transporter's ID H-1431	
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 800-558-6623	
9. Designated Facility Name and Site Address SAFETY-KLEEN CORP. STATE HWY. 146 NEW CASTLE, KY 40050		10. US EPA ID Number KYD053348108		E. MO. Transporter's ID	
				F. Transporter's Phone	
				G. State Facility's ID 921103000	
				H. Facility's Phone 502-845-2453	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID NUMBER)		12. Containers		13. Total Quantity	14. Unit Wt/Vol
a. SAME WASTE AS PAGE 1					
b.					
c.					
d.					
15. Special Handling Instructions and Additional Information		K. Handling Code (Facility Use Only)			
THIS MANIFEST FOR SHIPPING PURPOSES ONLY 24 HR. EMERG. RESP. #1-708-888-4660 IF UNDELIVERABLE, RETURN TO GENERATOR.		Interim Final Comments			
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and applicable state regulations.					
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name		Signature		Month Day Year	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date	
Printed/Typed Name Bobby Roby		Signature Bobby Roby		Month Day Year 02/04/94	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date	
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Designated Facility Owner or Operator: Certification of receipt and handling of hazardous materials covered by this manifest except as noted in item 19.					
Printed/Typed Name Dianne Louder		Signature Dianne Louder		Month Day Year 02/04/94	

MISSOURI DNR FINAL COPY - PART 1

THIS COPY MUST BE SENT BACK TO THE GENERATOR BY THE DESIGNATED FACILITY THEN TRANSMITTED TO THE DEPARTMENT BY THE GENERATOR.

HAZARDOUS WASTE MANIFEST

EMERGENCY RESPONSE
U.S. COAST GUARD
1-800-424-8902
CHEM TREC
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DEPT. OF NATURAL RESOURCES
314-634-2436

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Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. MOD 006266373		Manifest Document No. 100996		2. Page 1		Information in the shaded areas is required by State Law.	
3. Generator's Name and Mailing Address DOE RUN CO 881 MAIN ST HERCULANEUM MD 63048-1222				4. Generator's Phone 314 479-5311		A. Missouri Manifest Document Number 001176		B. State (Gen. Site Address) 0996	
5. Transporter 1 Company Name SAFETY-KLEEN CORP.				6. US EPA ID Number MOD 095486312		C. MO. Transporter's ID H-1273P39072		D. Transporter's Phone 314 441-0104	
7. Transporter 2 Company Name				8. US EPA ID Number		E. MO. Transporter's ID		F. Transporter's Phone	
9. Designated Facility Name and Site Address SAFETY-KLEEN CORP. 4526 TOWNE COURT ST CHARLES, MO 63304				10. US EPA ID Number 5-160-03		G. State Facility's ID HH-0023		H. Facility's Phone 314 441-0104	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID NUMBER)				12. Containers		13. Total Quantity		14. Unit Wt/Vol.	
a. WASTE COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM NAPHTHA) NA1993 PGIII (D001) (ERG#27) 6.7 LBS./GAL				xx2 DM		xxx54 G		1. Waste No. EPA WASTE CODE D001 STATE	
b.								EPA WASTE CODE STATE	
c.								EPA WASTE CODE STATE	
d.								EPA WASTE CODE STATE	
J. Additional Descriptions for Materials Listed Above				K. Handling Code (Facility Use Only)					
a. D039 D01B 6.7 LBS/GAL				Interim		Final		Comments	
b.									
c.									
d.									
15. Special Handling Instructions and Additional Information 9405 64163231 167413 5-160-03-7072 03 IF UNDELIVERABLE, RETURN TO GENERATOR. EMERGENCY RESP#708-888-4660 24HR. SKDOT# A: 501 B: C: D:									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and applicable state regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name Susan Picarella				Signature <i>Susan Picarella</i>				Month Day Year 10/2/02/94	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Todd O. Pike				Signature <i>Todd O. Pike</i>				Month Day Year 10/2/02/94	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature				Month Day Year	
19. Discrepancy Indication Space									
20. Designated Facility Owner or Operator: Certification of receipt and handling of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name MAGGIE WISEMAN				Signature <i>Maggie Wiseman</i>				Month Day Year 10/2/02/94	

5-160-03

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PLETION OF THIS FORM ARE ON
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MISSOURI DEPARTMENT OF NATURAL RESOURCES

Division of Environmental Quality

Waste Management Program

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HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12-Pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. MOD 006266373		Manifest Document No. 00997		2. Page 1 of 1		Information in the shaded areas is required by State Law.					
3. Generator's Name and Mailing Address DOE RUN CO 881 MAIN ST HERCULANEUM MO 63048-1222						A. Missouri Manifest Document Number 0011760997							
4. Generator's Phone (314) 479-5311						B. Gen. Site Address SAME							
5. Transporter 1 Company Name SAFETY-KLEEN CORP.						C. MO. Transporter's ID H-1273 529609							
6. US EPA ID Number MOD 095486312						D. Transporter's Phone 314 441-0104							
7. Transporter 2 Company Name						E. MO. Transporter's ID							
8. US EPA ID Number						F. Transporter's Phone							
9. Designated Facility Name and Site Address SAFETY-KLEEN CORP. 4526 TOWNE COURT ST CHARLES, MO 63304						G. State Facility's ID HH-0023							
10. US EPA ID Number 5-160-03						H. Facility's Phone 314 441-0104							
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID NUMBER)						12. Containers		13. Total Quantity		14. Unit Wt/Vol.		1. Waste No.	
a. WASTE COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM NAPHTHA) NA1993 PGIII (D001) (ERG#27) 6.7 LBS./GAL						XX3 DM		XXX22		G		EPA WASTE CODE D001	
b. RG WASTE COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM NAPHTHA) NA1993 PGIII (D001) (ERG#27) 6.7 LBS./GAL						XX2 DM		XXX33		G		EPA WASTE CODE D001	
c.												EPA WASTE CODE	
d.												EPA WASTE CODE	
J. Additional Descriptions for Materials Listed Above						K. Handling Code (Facility Use Only)		Interim		Final		Comments	
a. D039 D018 6.7 LBS/GAL						a. S02		b. 154					
b. D039 D018 6.7 LBS/GAL						c. S02		d. 154					
c. 6.7 LBS/GAL						e. S02		f. 154					
d. 6.7 LBS/GAL						g. S02		h. 154					
15. Special Handling Instructions and Additional Information 9407 64668890 326105 5-160-03-7072 1303 IF UNDELIVERABLE, RETURN TO GENERATOR. EMERGENCY RESP#708-888-4660 24HR. SKDDOT# A: 501 B: 585 C: D:													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and applicable state regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name SUSAN P. CARROLL						Signature <i>Susan Carroll</i>						Month Day Year 02/16/94	
17. Transporter 1 Acknowledgement of Receipt of Materials						Signature <i>John D. P. Kor</i>						Month Day Year 02/16/94	
Printed/Typed Name JOHN D. P. KOR						Signature <i>John D. P. Kor</i>						Month Day Year 02/16/94	
18. Transporter 2 Acknowledgement of Receipt of Materials						Signature						Month Day Year	
Printed/Typed Name						Signature						Month Day Year	
19. Discrepancy Indication Space													
20. Designated Facility Owner or Operator: Certification of receipt and handling of hazardous materials covered by this manifest except as noted in item 19.													
Printed/Typed Name MAGGIE WISOMAN						Signature <i>Maggie Wisoman</i>						Month Day Year 02/16/94	

HAZARDOUS WASTE MANIFEST

INSTRUCTIONS FOR THE COM-
PLETION OF THIS FORM ARE ON
REVERSE SIDE.THIS DOCUMENT MUST BE USED
FOR ALL MISSOURI-DESTINED
SHIPMENTS.EMERGENCY RESPONSE
U.S. COAST GUARD
1-800-424-8802
CHEM TREC
1-800-424-9300
DEPT. OF NATURAL RESOURCES
314-634-2438

Please print or type (Form designed for use on elite (12-Pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. MOD006266373	Manifest Document No. 100998	2. Page 1 of 2	Information in the shaded areas is required by State Law.	
3. Generator's Name and Mailing Address DOE RUN CO. 881 MAIN ST. HERCULANEUM, MO 63048 4. Generator's Phone (314) 479-5311				A. Missouri Manifest Document Number 0011760998		
5. Transporter 1 Company Name SAFETY-KLEEN CORP.				B. G.S.I. (Gen. Site Address) SAME		
6. US EPA ID Number MOD095486312				C. MO. Transporter's ID H-1273-1039072		
7. Transporter 2 Company Name SAFETY-KLEEN CORP.				D. Transporter's Phone 314-441-0104		
8. US EPA ID Number ILD984908202				E. MO. Transporter's ID H-1273-1039072		
9. Designated Facility Name and Site Address SAFETY-KLEEN CORP. STATE HWY. 146 NEW CASTLE, KY 40050				F. Transporter's Phone 618-398-6918		
10. US EPA ID Number KYD053348108				G. State Facility's ID 321483000		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID NUMBER)				H. Facility's Phone 502-845-2453		
a. RQ HAZARDOUS WASTE, LIQUID, N.O.S. 9 NA3082 PG III (D019)(ERG #31)				12. Containers 002	13. Total Quantity DM 00842	14. Unit Wt/Vol P
b.						EPA WASTE CODE D019
c.						STATE
d.						EPA WASTE CODE
e.						STATE
f.						EPA WASTE CODE
g.						STATE
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i.						STATE
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v.						EPA WASTE CODE
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x.						EPA WASTE CODE
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kx.						EPA WASTE CODE
ky.						STATE

INSTRUCTIONS FOR THE COM-
PLETION OF THIS FORM ARE ON
REVERSE SIDE.
THIS DOCUMENT MUST BE USED
FOR ALL MISSOURI-DESTINED
SHIPMENTS.

MISSOURI DEPARTMENT OF NATURAL RESOURCES
Division of Environmental Quality
Waste Management Program
P.O. Box 176 Jefferson City, Missouri 65102
314-751-3176

EMERGENCY RESPONSE
U.S. COAST GUARD
1-800-424-6502
CHEM TREC
1-800-424-9300
DEPT. OF NATURAL RESOURCES
314-634-2408

HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12-Pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. MOD006266373	Manifest Document No. 100998	2. Page 1 of 2	Information in the shaded areas is required by State Law.
3. Generator's Name and Mailing Address 881 Main St. Herculeaneum, MO 63048			A. Missouri Manifest Document Number 0011760998		
4. Generator's Phone () 314-479-5311			B. G.S.I. (Gen. Site Address) SAME		
5. Transporter 1 Company Name SCHNEIDER TANK LINES			C. MO. Transporter's ID H-1431-436-707 800-558-6623		
6. US EPA ID Number WID980904742			D. Transporter's Phone		
7. Transporter 2 Company Name			E. MO. Transporter's ID		
8. US EPA ID Number			F. Transporter's Phone		
9. Designated Facility Name and Site Address SAFETY-KLEEN CORP. STATE HWY. 146 NEW CASTLE, KY 40050			G. State Facility's ID 921103000		
10. US EPA ID Number KYD053348108			H. Facility's Phone 502-845-2453		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID NUMBER)		12. Containers	13. Total Quantity	14. Unit Wt/Vol.	I. Waste No.
a. SAME WASTE AS PAGE 1					EPA WASTE CODE STATE
b.					EPA WASTE CODE STATE
c.					EPA WASTE CODE STATE
d.					EPA WASTE CODE STATE
J. Additional Descriptions for Materials Listed Above		K. Handling Code (Facility Use Only)			
		Interim Final Comments			
a.		a.			
b.		b.			
c.		c.			
d.		d.			
15. Special Handling Instructions and Additional Information THIS MANIFEST FOR SHIPPING PURPOSES ONLY 24 HR. EMERG. RESP. #1-708-888-4660 IF UNDELIVERABLE, RETURN TO GENERATOR.					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and applicable state regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Printed/Typed Name Signature Month Day Year					
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Month Day Year Bobby Roby [Signature] 03/17/94					
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Month Day Year					
19. Discrepancy Indication Space					
Designated Facility Owner or Operator: Certification of receipt and handling of hazardous materials covered by this manifest except as noted in Item 18. Printed/Typed Name Signature Month Day Year Becca Spencer [Signature] 03/17/94					

MISSOURI DNR FINAL COPY - PART 1

THIS COPY MUST BE SENT BACK TO THE GENERATOR BY THE DESIGNATED FACILITY THEN TRANSMITTED TO THE DEPARTMENT BY THE GENERATOR.

5-160-03

MISSOURI DEPARTMENT OF NATURAL RESOURCES

Division of Environmental Quality

Waste Management Program

P.O. Box 176 Jefferson City, Missouri 65102

314-751-3176

HAZARDOUS WASTE MANIFEST

EMERGENCY RESPONSE
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DEPT. OF NATURAL RESOURCES
314-634-2438

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SHIPMENTS

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Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. MOD 006266373	Manifest Document No. 00999	2. Page 1 of 1	Information in the shaded areas is required by State Law.	
3. Generator's Name and Mailing Address DOE RUN CO 881 MAIN ST HERCULANEUM 314 479-5311		4. Generator's Phone (314) 479-5311		A. Missouri Manifest Document Number 001176 0999		
5. Transporter 1 Company Name SAFETY-KLEEN CORP.		6. US EPA ID Number MOD 095486312		C. MO. Transporter's ID H-1273 SZ 9609		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 314 441-0104		
9. Designated Facility Name and Site Address SAFETY-KLEEN CORP. 4526 TOWNE COURT ST CHARLES, MD 63304		10. US EPA ID Number MOD 095486312		E. MO. Transporter's ID		
				F. Transporter's Phone		
				G. State Facility's ID HH-0023		
				H. Facility's Phone 314 441-0104		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID NUMBER)				12. Containers	13. Total Quantity	14. Unit Wt/Vol
a. WASTE COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM NAPHTHA) NA1993 PGIII (D001, D018, D039) (ERG#27) 6.7 LBS/GAL				005 DM	00033	G
b. RG WASTE COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM NAPHTHA) NA1993 PGIII (D001, D018, D039) (ERG#27) 6.7 LBS/GAL				004 DM	00056	G
c.						
d.						
J. Additional Descriptions for Materials Listed Above				K. Handling Code (Facility Use Only)		
a. D039 D018 6.7 LBS/GAL				Interim Final Comments		
b. D039 D018 6.7 LBS/GAL				S02 T54		
c.				S02 T54		
d.						
15. Special Handling Instructions and Additional Information 9411 65619538 636649 5-160-03-7072 1303 IF UNDELIVERABLE, RETURN TO GENERATOR. EMERGENCY RESP#708-888-4660 24HR. SKDOT# A: 501 B: 585 C: D:						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and applicable state regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, If I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name SUSAN PICARELLA T.P.		Signature Susan Picarella T.P.		Month Day Year 03/18/94		
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name TODD D. PIKOR		Signature Todd D. Pikor		Month Day Year 03/18/94		
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space						
Designated Facility Owner or Operator: Certification of receipt and handling of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name MAGGIE WISEMAN		Signature Maggie Wiseman		Month Day Year 03/18/94		

MISSOURI DNR FINAL COPY - PART 1

THIS COPY MUST BE SENT BACK TO THE GENERATOR BY THE DESIGNATED FACILITY THEN TRANSMITTED TO THE DEPARTMENT BY THE GENERATOR.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
(314) 751-3176

DOE RUN CO., THE
CONTACT: JAMES M. LANZAFAME
881 MAIN STREET
HERCULANEUM MO 63048
EPAID=MOD006266373 MOID=001176

GENERATOR'S HAZARDOUS WASTE
SUMMARY REPORT - PART I

GENERATOR'S EPA I.D. NUMBER

M.O.D.0-0-6-2-6-6-3-7-3

GENERATOR'S MISSOURI I.D. NUMBER

0.0.1.1.7.6

NOTE: THE FEDERAL EPA AND MISSOURI GENERATOR I.D. NUMBERS ARE ASSIGNED EXCLUSIVELY TO THE SITE WHERE WASTE IS PRODUCED. YOU MUST NOTIFY THE DEPARTMENT IF THE ADDRESS FOR THE SITE OF GENERATION CHANGES.

OTE ► PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

SECTION A - REPORT IDENTIFICATION

1. TYPE OF REPORT (CHECK ONE)

☒ QUARTERLY ☐ ANNUAL

(IF ANNUAL CHECKED, PLACE X IN 6-30 BOX)

2. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 9-30- (YEAR) ☐ 12-31- (YEAR)

☐ 3-31- (YEAR) ☒ 6-30-94 (YEAR)

3. PAGE

1 OF 4

SECTION B - GENERATOR IDENTIFICATION

OTE: Any change in either the mailing or site address from previous reports requires renotification to the Department.

GENERATOR'S NAME ☒ SAME AS LABEL

GENERATOR CONTACT PERSON (NAME) ☒ SAME AS LABEL

TELEPHONE NUMBER

(314) 933-3143

MAILING ADDRESS

881 Main St

CITY

Herculaneum

STATE

MO

ZIP CODE

63048

PLANT SITE ADDRESS ☒ SAME AS LABEL

CITY

STATE

ZIP CODE

NAME OF PARENT FIRM

D.B.A. Doe Run Acquisitions, Inc

OFFICE USE ONLY

SECTION C - STATUS OF WASTE GENERATED (CHECK ONE)

SHIPPED OFF-SITE. Complete part 2, attach completed hazardous waste manifests, sign certification and transmit to the department.

10.

REPORTABLE QUANTITY NOT GENERATED. Sign certification and transmit to the department. (Do not complete Part 2)

11.

REPORTABLE QUANTITY GENERATED BUT NOT SHIPPED OFF-SITE THIS QUARTER. Sign certification and transmit to the department. (Do not complete Part 2).

SECTION D - COMMENTS

12.A Per telephone conversation with Kurt Hilsenbeck of the Waste Management Program on August 4, 1988, neither manifest or Safety-Kleen invoice is required for quantities of Safety-Kleen solvent less than 1000KKg per month.

SECTION E - CERTIFICATION STATEMENT

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

NAME

John FitzSimmons

SIGNATURE

John FitzSimmons

DATE

6/30/94



HAZARDOUS WASTE PROGRAM
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
(314) 751-3176

GENERATOR'S HAZARDOUS WASTE
REPORT SUMMARY SHEET - PART II

AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

GENERATOR NAME

The Doe Run Company

EPA ID NUMBER

M.O.D.O.O.6.2.6.6.3.7.3

MISSOURI I.D. NUMBER

0.0.1.1.7.6

NOTE: PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

ATTENTION: Summarize all shipments made to the hazardous waste management facility you have identified in Section G below. Additional pages are required for each off-site management facility utilized.

SECTION F - REPORT IDENTIFICATION (AS SHOWN ON PART I)

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 9-30- (YEAR)

☐ 12-31- (YEAR)

☒ 3-31- (YEAR)

☒ 6-30-94 (YEAR)

2. PAGE

2 OF 4

SECTION G - FACILITY IDENTIFICATION

FACILITY NAME (NAME OF OFF-SITE LOCATION WHERE WASTE WAS DELIVERED)

Safety-Kleen Corporation

FACILITY SITE ADDRESS

Sate Hwy 146

CITY

New Castle

STATE

KY

ZIP CODE

40050

4. FACILITY'S EPA I.D. NUMBER

K.Y.D.O.5.3.3.4.8.1.0.8

5. FACILITY'S MISSOURI I.D. NUMBER

R.R.K.Y.0.2

SECTION H - WASTE IDENTIFICATION

7. DESCRIPTION OF WASTE SHIPPED TO THE FACILITY LISTED ABOVE	8. DOT HAZARD CODE	9. EPA HAZARDOUS WASTE NUMBER	10. TAX CODE (SEE INST.)	11. TOTAL AMOUNT OF WASTE	12. UNIT OF MEAS.	13. SPECIFIC GRAVITY	14. FINAL HANDLING CODE
RQ Hazardous Waste, Liquid, N.O.S. 9	.	0.0.1.9	.	5,968	P	.	T.S. 0
NA3082 PG III (D019) (ERG #31)

SECTION I - TRANSPORTATION SERVICES UTILIZED

15. COMPANY NAME	16. MISSOURI ID NO.	17. US EPA I.D. NUMBER
a. Safety-Kleen Corporation	H.-.1.2.7.3	M.O.D.O.9.5.4.8.6.3.1.2
b. Safety-Kleen Corporation	H.-.1.2.7.3	I.L.D.O.5.1.0.6.0.4.0.8
c. Schneider Tank Lines	H.-.1.4.7.3	M.I.D.9.8.0.9.0.4.7.4.2

SECTION J - COMMENTS



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 178
JEFFERSON CITY, MISSOURI 65102
(314) 751-3178
GENERATOR'S HAZARDOUS WASTE
REPORT SUMMARY SHEET - PART II

BEFORE COPYING FORM, ENTER THE GENERATOR'S NAME
AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.
GENERATOR NAME
The Doe Run Company
EPA ID NUMBER
M 0 0 0 6 2 6 6 3 7 3
MISSOURI ID NUMBER
0 0 1 1 7 6

NOTE ► PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

ATTENTION: Summarize all shipments made to the hazardous waste management facility you have identified in Section G below. Additional pages are required for each off-site management facility utilized.

SECTION F - REPORT IDENTIFICATION (AS SHOWN ON PART I)

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 9-30-____ (YEAR) ☐ 12-31-____ (YEAR)
☒ 3-31-____ (YEAR) ☒ 6-30-84 (YEAR)

2. PAGE

3 of 4

SECTION G - FACILITY IDENTIFICATION

1. FACILITY NAME (NAME OF OFF-SITE LOCATION WHERE WASTE WAS DELIVERED)

Safety-Kleen Corporation

2. FACILITY SITE ADDRESS

4526 Towne Court

3. CITY

St. Charles

4. STATE

MO

5. ZIP CODE

63304

4. FACILITY'S EPA I.D. NUMBER

M 0 0 0 9 5 4 8 6 3 1

6. FACILITY'S MISSOURI I.D. NUMBER

H H 0 0 2 3

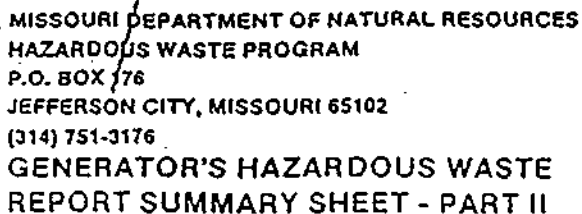
SECTION H - WASTE IDENTIFICATION

7.	8.	9.	10.	11.	12.	13.	14.
DESCRIPTION OF WASTE SHIPPED TO THE FACILITY LISTED ABOVE	DOT HAZARD CODE	EPA HAZARDOUS WASTE NUMBER	TAX CODE (SEE INST.)	TOTAL AMOUNT OF WASTE	UNIT OF MEAS.	SPECIFIC GRAVITY	FINAL HANDLING CODE
Waste Combustible Liquid, N.O.S. IPE7R0	0 1	0 0 0 1 0 1 8 0 0 3 9		383	G	6.7	T 5 4
Leum Naptha) NA1993 PGIII (D001) (ERG #27)

SECTION I - TRANSPORTATION SERVICES UTILIZED

15. COMPANY NAME	16. MISSOURI ID NO.	17. US EPA ID NUMBER
a Safety-Kleen Corporation	H - 1 2 7 3	M 0 0 0 9 5 4 8 6 3 1 2
b	H . . . . .	. . . . .
c	H . . . . .	. . . . .

SECTION J - COMMENTS



GENERATOR NAME
THE DOE RUN COMPANY

EPA ID NUMBER MOD006-26637.3

MISSOURI I.D. NUMBER 0 . 0 . 1 . 1 . 7 . 6

ATTENTION: Summarize all shipments made to the Hazardous Waste Management Facility you have identified in Section G below. Additional pages are required for each off-site management facility utilized.

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 9-30-____ (YEAR) ☐ 12-31-____ (YEAR)
☐ 3-31-____ (YEAR) ☒ 6-30-94 (YEAR)

12 PAGE

4 OF 4

3. FACILITY NAME (NAME OF OFF-SITE LOCATION WHERE WASTE WAS DELIVERED)

ODC #1

5. FACILITY SITE ADDRESS

4349 Southport Road

८५५

STATE

11

ZIP CODE

61615

Peoria

4. FACILITY'S EPA I.D. NUMBER

110990805812

6. FACILITY'S MISSOURI I.D. NUMBER

1 41125

SECTION H - WASTE IDENTIFICATION

	7. DESCRIPTION OF WASTE SHIPPED TO THE FACILITY LISTED ABOVE	8. DOT HAZARD CODE	9. EPA HAZARDOUS WASTE NUMBER		10. TAX CODE (SEE INST.)	11. TOTAL AMOUNT OF WASTE	12. UNIT OF MEAS.	13. SPECIFIC GRAVITY	14. FINAL HANDLING CODE
1	Refractory Brick		D006	- - -		41,580	P	:	D81
2			D008	- - -					
3			- - -	- - -				:	- - -
4			- - -	- - -				:	- - -
5			- - -	- - -				:	- - -
6			- - -	- - -				:	- - -
7			- - -	- - -				:	- - -
8			- - -	- - -				:	- - -
9			- - -	- - -				:	- - -
10			- - -	- - -				:	- - -
11			- - -	- - -				:	- - -
12			- - -	- - -				:	- - -
13			- - -	- - -				:	- - -
14			- - -	- - -				:	- - -
15			- - -	- - -				:	- - -
16			- - -	- - -				:	- - -
17			- - -	- - -				:	- - -
18			- - -	- - -				:	- - -
19			- - -	- - -				:	- - -
20			- - -	- - -				:	- - -

SECTION I - TRANSPORTATION SERVICES UTILIZED

15. COMPANY NAME		16. MISSOURI ID NO.	17. US EPA I.D. NUMBER
a	Beelman Truck Co.	H-1429	ILD007814825
b		H- . . . .	. . . . .
c		H- . . . .	. . . . .

SECTION J - COMMENTS



Peoria Disposal Company
4349 Southport Rd., Peoria, Illinois 61615
(309) 676-4893

Fingerprint Analysis

Scale Ticket 333690 Sample No. 23

Destination

Landfill ☒ Stabilization _____ Solidification/Landfill _____ WWT _____

Physical Characteristics:

State: solid ☒ semi-solid _____
liquid _____ solid/liq _____
Odor: strong _____ mild _____ none ☒
Color gray 9.2 p
8.8 Retest

Flashpoint: °F _____ N/A ☒

Water Reactivity:

Generate gasses _____ yes _____ no ☒
Temperature change _____ ☒
Soluble _____ Insoluble _____ Slight ☒

Acceptance status:

Conforms ☒ Does not Conform _____
Accepted ☒ Rejected _____

Comments _____

Analyst KAA



Peoria Disposal Company
SCALE TICKET

Scale No. **333690**

P.O. Box 9071
Peoria, IL 61612-9071
(309) 688-0760

Permit 000001 REFRACTORY BRICK Customer 0101033 DGE FUN COMPANY
Schedule Load no. Hauler 05 REELMAN TRUCKING
Job Type D DISPOSAL Prod Cd. H HAZARDOUS WASTE

MANIFEST

Manifest 000001 Quantity 12 Unit Meas Y Rejected Units

LABORATORY

Color BB Penetrom Paint Filter PPh SS

SCALE

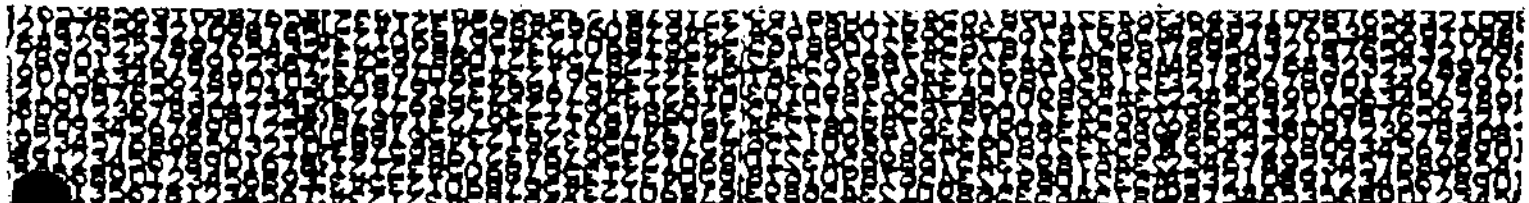
Time In 11 54 AM Wt. In 75880 Time Out 12 42 Wt. Out 35100

104/04 Net Wt. 41380 20.791

CHARGES

		Extra charges:		
		Count	Description	Amt.
Per Load Charge	\$			
Per Ton Charge	\$			
Per Yard Charge	\$			\$
Per Gallon Charge	\$			\$
Per Barrel Charge	\$			\$
Per Sack Charge	\$			\$
Total Extra Charges	\$			\$
Total Charges	\$			\$

Cash Received \$ 00



Truck Id 23

Driver Signature:

CUSTOMER COPY

6-20

REFRACTORY BRICK DISPOSAL AT PDC

DATE OF SHIPMENT	WASTE	OUR POUNDS	PDC POUNDS	MANIFEST NUMBER
04/04/94	REFRACTORY BRICK	41240	41580	6068900 - 1001
TOT. TONS -->		20.62	20.79	

SFTKLEEN

SAFETY KLEEN SOLVENT RECYCLED

2ND QUARTER 1994

WEEK ENDING	OILY WATER GALLONS	WASTE OIL GALLONS	WASTE NAPHTHA GALLONS	WASTE GREASE POUNDS
04/15/94			136	
04/22/94				911
05/13/94			113	2107
06/10/94			134	2950

TOTALS

0
GALLONS

0
GALLONS

383
GALLONS

5968
POUNDS

INSTRUCTIONS FOR THE COM-
PLETION OF THIS FORM ARE ON
REVERSE SIDE.

THIS DOCUMENT MUST BE USED
FOR ALL MISSOURI-DESTINED
SHIPMENTS.

Division of Environmental Quality
Waste Management Program
P.O. Box 176 Jefferson City, Missouri 65102
314-751-3176

708353

EMERGENCY RESPONSE
U.S. COAST GUARD
1-800-424-8802
CHEN TREC
1-800-424-9300
DEPT. OF NATURAL RESOURCES
314-634-2436

HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12-Pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. MOD006266373	Manifest Document No. 01006	2. Page 1 of 2	Information in the shaded areas is required by State Law.
3. Generator's Name and Mailing Address Doe Run Co. 881 Main St. Herculaneum, MO 63048		4. Generator's Phone () 314-479-5311		A. Missouri Manifest Document Number 0, 0, 1, 1, 7, 6 1, 0, 0, 6	
5. Transporter 1 Company Name SCHNEIDER TANK LINES		6. US EPA ID Number WID980904742		C. MO. Transporter's ID H-1431 0253817	
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 800-558-6623	
9. Designated Facility Name and Site Address SAFETY-KLEEN CORP. STATE HWY. 146 NEW CASTLE, KY 40050		10. US EPA ID Number KYD053348108		E. MO. Transporter's ID F. Transporter's Phone G. State Facility's ID 921103000 H. Facility's Phone 502-845-2453	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID NUMBER)		12. Containers	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. SAME WASTE AS PAGE 1					EPA WASTE CODE STATE
b.					EPA WASTE CODE STATE
c.					EPA WASTE CODE STATE
d.					EPA WASTE CODE STATE
J. Additional Descriptions for Materials Listed Above		K. Handling Code (Facility Use Only)			
		Interim Final Comments			
a.		SOI			
b.		SOI			
c.		SOI			
d.		SOI			
15. Special Handling Instructions and Additional Information THIS MANIFEST FOR SHIPPING PURPOSES ONLY 24 HR. EMERG. RESP. #1-708-888-4660 IF UNDELIVERABLE, RETURN TO GENERATOR.					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and applicable state regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name		Signature		Month Day Year	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Month Day Year	
Printed/Typed Name JOHN HAWKINS		Signature John Hawkins		Month Day Year 12/6/16/94	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month Day Year	
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
Designated Facility Owner or Operator: Certification of receipt and handling of hazardous materials covered by this manifest except as noted in item 19.					
Printed/Typed Name Ellen Hamlin		Signature Ellen Hamlin		Month Day Year 09/16/94	

MISSOURI DNR FINAL COPY - PART 1

THIS COPY MUST BE SENT BACK TO THE GENERATOR BY THE DESIGNATED FACILITY THEN TRANSMITTED TO THE DEPARTMENT BY THE GENERATOR.

5-160-03
INSTRUCTIONS FOR THE COM-
PLETION OF THIS FORM ARE ON
REVERSE SIDE.
THIS DOCUMENT MUST BE USED
FOR ALL MISSOURI-DESTINED
SHIPMENTS.

MISSOURI DEPARTMENT OF ENVIRONMENTAL QUALITY
Division of Environmental Quality
Waste Management Program
P.O. Box 176 Jefferson City, Missouri 65102
314-751-3176

EMERGENCY RESPONSE
U.S. COAST GUARD
1-800-424-8802
CHEM TREC
1-800-424-9300
DEPT. OF NATURAL RESOURCES
314-624-2438

HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12-Pitch) typewriter.)

Form Approved, OMB No. 2050-0039, Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. MOD 006266373	Manifest Document No. 01006	2. Page 1 of 1	Information in the shaded areas is required by State Law.
3. Generator's Name and Mailing Address DOE RUN CO 881 MAIN ST HERCULANEUM, MO 63048 4. Generator's Phone 314-479-5311		5. Transporter 1 Company Name SAFETY-KLEEN CORP. 6. US EPA ID Number MOD 095486312		A. Missouri Manifest Document Number 001176 B. G.S.I. (Gen. Site Address) SAME	
7. Transporter 2 Company Name Safety-Kleen Corp. 8. US EPA ID Number ILD984908202		9. Designated Facility Name and Site Address SAFETY-KLEEN CORP. STATE HWY 146 NEW CASTLE KY 40050 10. US EPA ID Number KYD 053348108		C. MO. Transporter's ID H1273 (LP39072) D. Transporter's Phone 314-441-0104 E. MO. Transporter's ID H-1273 F. Transporter's Phone 618-398-6918 G. State Facility's ID 921103000 H. Facility's Phone 502-845-2453	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID NUMBER) a. RQ Hazardous Waste, Liquid, N.O.S. 9 NA3082 PG III (D019) (ERG#31)		12. Containers 007	13. Total Quantity DM 02950	14. Unit P	15. EPA Waste Code P 11 D019
Additional Descriptions for Materials Listed Above: a. CONTROL #0167545-87/312095 b. c. d.		16. Handling Code (Facility Use Only) Interim Final Comments S01 130			
15. Special Handling Instructions and Additional Information EMERGENCY RESP#708-888-4660 24HR. IF UNDELIVERABLE RETURN TO GENERATOR IL TRANS ID: IL-1123 SKDOT# A: 1270 B: C: D:		0000 68324953 000000 5-160-03-7072 M22102			
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and applicable state regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Susan P. Carey		Signature Susan P. Carey		Month Day Year 06/10/94	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Todd O. Piker		Signature Todd O. Piker		Month Day Year 06/10/94	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name PAT TAVELAUGH		Signature Pat Tavelaugh		Month Day Year 06/13/94	
19. Discrepancy Indication Space					
Designated Facility Owner or Operator: Certification of receipt and handling of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Ellen Hamlin Signature Ellen Hamlin Month Day Year 06/16/94					



JOHN ASHCROFT
Governor

G. TRACY MEHAN III
Director

Division of Energy
Division of Environmental Quality
Division of Geology and Land Survey
Division of Management Services
Division of Parks, Recreation,
and Historic Preservation

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF ENVIRONMENTAL QUALITY
ST. LOUIS REGIONAL OFFICE
10805 Sunset Office Drive, Suite 100
St. Louis, MO 63127-1017
314-822-0101
Fax No. 314-822-0943

February 19, 1992

Mr. James M. Lanzafane
Environmental Superintendent
Doe Run Co. - Smelting Division
881 Main Street
Herculanum, MO 63048
(314) 933-3143

LOW #92-SL.006

Dear Mr. Lanzafane:

On February 13, 1992, Mr. Mike Struckhoff of my staff conducted a resource recovery inspection at Doe Run Company - Smelting Division, Herculanum, Missouri. The inspection was conducted to assess compliance with regulations pursuant to the Missouri Hazardous Waste Management Law. It covered records and practices related to your facility's resource recovery operation and was conducted under the authority granted by Section 260.75(9) and 260.377 RSMo.

A violation noted during the inspection, along with recommendations that the inspector has determined will correct this violation is listed below:

1. Failure to meet the operating conditions of the resource recovery certification, in violation of 10 CSR 25-9.020(3). The Doe Run Company certification requires that hazardous waste, upon arrival at the facility, must be input into the resource recovery process and recovered within 24 hours. Copies of the daily logs reviewed during the inspection indicated that two shipments of waste for manifest numbers 33 and 34 (attached), had not been processed during the 24-hour period. As you stated during the inspection, you believe that this was a recording mistake on your part, and that the wastes of these two shipments have actually been processed within 24 hours. Doe Run must process hazardous waste within 24 hours of receiving the waste. If for some reason this cannot be accomplished, the facility must inform the Department in writing of when this waste was received, when the waste was actually processed, and the reason why it could not be processed within a 24-hour period. A copy of this letter should be retained at the Doe Run facility.

In order to document that corrective actions have been taken, you are requested to submit a written response no later than March 20, 1992. Your response should describe steps taken to correct the violation noted above. Please direct the response to Mr. Struckhoff. You should also forward a copy of your response and supporting documentation to Mr. Bruce Martin, Chief - Hazardous Waste Enforcement, Waste Management Program, P.O. Box 176, Jefferson City, Missouri 65102.

RCRA FILE COPY



RECEIVED
92 FEB 20 PM 2 05
HAZARDOUS WASTE
DIVISION OF ENVIRONMENTAL QUALITY
STATE OF MISSOURI

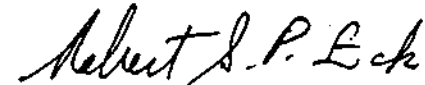
Jefferson County
Doe Run Co. - Merc. Museum (HW)
February 19, 1992
Page Two

It is the purpose of this letter to persuade you to take all necessary action to comply with the Missouri Hazardous Waste Management Law. Failure to achieve timely resolution of the violations may result in the referral for enforcement action by the Waste Management Program.

Should you have any questions, or wish to discuss this matter, please contact Mr. Struckhoff at (314) 822-0101.

Sincerely,

ST. LOUIS REGIONAL OFFICE



Robert S. P. Eck
Regional Director

RSPE/MS/sh

Enclosures

c: WMP
Southeast Regional Office

INSTRUCTIONS FOR THE COM-
PLETION OF THIS FORM ARE ON A
SEPARATE SHEET

THIS DOCUMENT MUST BE USED
FOR ALL MISSOURI-DESTINED
SHIPMENTS

MISSOURI DEPARTMENT OF NATURAL RESOURCES
Division of Environmental Quality
Hazardous Waste Program
P.O. Box 176 Jefferson City, Missouri 65102
314-751-3176

EMERGENCY RESPONSE
U.S. COAST GUARD
1-800-424-6862
CHEMTREC
1-800-424-9300
DEPT. OF NATURAL RESOURCES
314-634-2229

HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12-pitch) typewriter.)

Form Approved OMB No 2050-0039, Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. HQD 059202239	Manifest Document No. 2222	2. Page 1 of 1	Information in the shaded areas is required by State law.
3. Generator's Name and Mailing Address The Doe Run Company HC 1, Box 1395 Boss, MO 65442-0501				A. Missouri Manifest Document Number 003242	
4. Generator's Phone (314) 625-4813				B. G.S.I. (Gen. Site Address)	
5. Transporter 1 Company Name Beelman Truck Company		6. US EPA ID Number ILD 00781432		C. MO. Trans. ID H1429	
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 518-763-4413	
9. Designated Facility Name and Site Address The Doe Run Company 881 Main Street Herculaneum, MO 63948		10. US EPA ID Number MOD 006266373		E. MO. Trans. ID	
				F. Transporter's Phone	
				G. State Facility's ID RR0419	
				H. Facility's Phone 314-479-5311	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			12. Containers Number Type	13. Total Quantity	14. Unit Wt/Vol
a. RQ, HAZARDOUS WASTE SOLID, NA9199, ORME, NOS KW59 Emission dust from secondary smelter			301 D	2447.60	P
b.					
c.					
d.					
1. Additional Descriptions for Materials Listed Above			K. HANDLING CODE (IF FACILITY USE ONLY)		
a. KW59 Emission control dust from secondary smelter			INTERIM FINAL COMMENTS		
b.					
c.					
d.					
15. Special Handling Instructions and Additional Information Material is designated for use, reuse, recycle, or reclaim.					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and applicable state regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method available to me that I can afford.					
Printed/Typed Name John F. St. John		Signature <i>[Signature]</i>		Month Day Year 10/12/82	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name 11/1/82		Signature <i>[Signature]</i>		Month Day Year 11/1/82	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name 11/1/82		Signature <i>[Signature]</i>		Month Day Year 11/1/82	

DAILY LOG

(to be filled out for each manifested waste recieved)

Date: 1-28-92 Time: 8:56

Manifest number: 003242-0032
(see shaded portion of manifest right hand Item A)

Common name: Secondary smelter baghouse dust

EPA Hazardous Waste Number(s): K069
(usually found under Item 11 of manifest consisting of letter and 3 digit code)

Waste Description: RQ, Hazardous waste solid, NA9189, ORME,
NOS, K069 emissions dust from secondary
smelter
(usually found under Item 11 a.)

Estimated or manifest
reported weight or volume: 34680 P (pounds)
T (tons)
(usually found under Items 12, 13, and 14)

Method of Handling: T50 (federal), T04 (Missouri)

Place material introduced: Railcar/truck unloader

Start of processing: 8:45 A.M.

(Unloader operator should call you when truck has unloaded at the Unloader.)

Finished processing: 05:15 p.m. on 2/5/92

(The sinter plant operator or group leader will record this time in the sinter plant log book.)

WHEN FORM IS COMPLETED RETURN TO ENVIRONMENTAL DEPARTMENT FOR RECORD RETENTION AS SOON AS POSSIBLE.

11075: Inadvertently put date of call rather than date of finish

Jim Hengeman
4/13/92

INSTRUCTIONS FOR THE COM-
PLETION OF THIS FORM ARE ON A
SEPARATE SHEET

THIS DOCUMENT MUST BE USED
FOR ALL MISSOURI-DESTINED
SHIPMENTS.

MISSOURI DEPARTMENT OF NATURAL RESOURCES
Division of Environmental Quality
Hazardous Waste Program
P.O. Box 176 Jefferson City, Missouri 65102
314-751-3176

EMERGENCY RESPONSE
U.S. COAST GUARD
1-800-424-6862
CHEMTREC
1-800-424-9300
DEPT. OF NATURAL RESOURCES
314-634-2436

HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12-pitch) typewriter.)

Form Approved DMB No 2050-0039, Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. M O D 0 5 9 2 5 9 0 0 9	Manifest Document No. 00014	2. Page 1 of 1	Information in the shaded areas is required by State law.
3. Generator's Name and Mailing Address The Doe Run Company HC 1, Box 1395 Boss, MO 65442-9501				A. Missouri Manifest Document Number 0 9 3 2 4 2	
4. Generator's Phone (314) 626-4813				B. G.S.I. (Gen. Site Address) 1	
5. Transporter 1 Company Name Beelman Truck Company		6. US EPA ID Number I L D 3 8 7 8 1 4 8 2 5		C. MO. Trans. ID H1429	
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 618-758-4413	
9. Designated Facility Name and Site Address The Doe Run Company 881 Main Street Herculaneum, MO 63943		10. US EPA ID Number M O D 0 3 6 2 6 6 3 7 3		E. MO. Trans. ID	
				F. Transporter's Phone	
				G. State Facility's ID R R 3 4 1 9	
				H. Facility's Phone 314-479-5311	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)			12. Containers Number Type	13. Total Quantity	14. Unit Wt/Vol.
a. RQ, HAZARDOUS WASTE SOLID, RAD109, OR22, NOS K259 Emission dust from secondary smelter			3 5 1 D T	24.7160	P
b.					
c.					
d.					
J. Additional Descriptions for Materials Listed Above			K. HANDLING CODE (IF FACILITY USE ONLY)		
a. K259 Emission control dust from secondary smelter			INTERIM FINAL COMMENTS		
b. Material from Herculaneum T50 (Federal)			MISSOURI		
c.					
d.					
15. Special Handling Instructions and Additional Information Material is designated for use, reuse, recycle, or reclaim.					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and applicable state regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment, OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method available to me that I can afford.					
Printed/Typed Name John E. St. John		Signature <i>[Signature]</i>		Month Day Year 01/01/92	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>[Signature]</i>		Month Day Year 01/01/92	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19					
Printed/Typed Name <i>[Signature]</i>		Signature <i>[Signature]</i>		Month Day Year 01/01/92	

DAILY LOG

(to be filled out for each manifested waste recieved)

Date: 1-28-92

Time: 1:35 p.m.

Manifest number: 003242-0034
(see shaded portion of manifest right hand Item A)

Common name: Secondary smelter baghouse dust

EPA Hazardous Waste Number(s): K069
(usually found under Item 11 of manifest consisting of letter and 3 digit code)

Waste Description: RQ, Hazardous waste solid, NA9189, ORME, NOS, K069 emissions dust from secondary smelter
(usually found under Item 11 a.)

Estimated or manifest
reported weight or volume: 34.900 P (pounds)
T (tons)
(usually found under Items 12, 13, and 14)

Method of Handling: T50 (federal), T04 (Missouri)

Place material introduced: Railcar/truck unloader

Start of processing: 1:45 p.m.

(Unloader operator should call you when truck has unloaded at the Unloader.)

Finished processing: 05:15 pm on 2/5/92

(The sinter plant operator or group leader will record this time in the sinter plant log book.)

WHEN FORM IS COMPLETED RETURN TO ENVIRONMENTAL DEPARTMENT FOR RECORD RETENTION AS SOON AS POSSIBLE.

→ Note: Inadvertently put date of call rather than date of finished processing

Jim Longfance
2/13/92

THIS DOCUMENT MUST BE USED
FOR ALL MISSOURI-DESTINED
SHIPMENTS.

MISSOURI DEPARTMENT OF NATURAL RESOURCES
Division of Environmental Quality
Hazardous Waste Program
P.O. Box 176 Jefferson City, Missouri 65102
314-751-3176

EMERGENCY RESPONSE
U.S. COAST GUARD
7-000-424-1612
C-10-1-160
7-000-424-1600
DEPT. OF NAT'L. RESOUR.
WASHINGTON

HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12-pitch) typewriter.)

Form Approved OMB No 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. MO D 0 5 9 3 8 3 0 2 3		2. Page Manifest Document No. 1 of 1		Information in the shaded areas is required by State law.	
3. Generator's Name and Mailing Address The Doe Run Company HC 1, Box 1395 Boss, MO 65443-9581				A. Missouri Manifest Document Number 8 0 1 3 2 1 4 2			
4. Generator's Phone (314) 626-4813				B. G.S.I. (Gen. Site Address) G.S.I. 24			
5. Transporter 1 Company Name Boulman Truck Company		6. US EPA ID Number I L D 3 4 7 8 1 4 3 7		C. MO. Trans. ID H1429		D. Transporter's Phone 618-768-4413	
7. Transporter 2 Company Name		8. US EPA ID Number		E. MO. Trans. ID		F. Transporter's Phone	
9. Designated Facility Name and Site Address The Doe Run Company 281 Main Street Herculaneum, MO 63448				10. US EPA ID Number I L D 3 3 5 7 5 5 3 7		G. State Facility's ID R R 0 4 1 9	
				H. Facility's Phone 314-479-5311			
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers Number Type		13. Total Quantity	
a. RO, HAZARDOUS WASTE SOLID, N49189, ORME, NOS K369 Emission dust from secondary smelter				2 2 1 D 7		25,620	
b.						EPA WASTE CODE STATE	
c.						EPA WASTE CODE STATE	
d.						EPA WASTE CODE STATE	
J. Additional Descriptions for Materials Listed Above				K. HANDLING CODE (FACILITY USE ONLY) INTERIM FINAL		COMMENTS	
a. K369 Emission control dust from secondary smelter				INTERIM		Comments	
b.				FINAL		Comments	
c.						Comments	
d.						Comments	
15. Special Handling Instructions and Additional Information Material is designated for use, reuse, recycle, or reclaim.							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and applicable state regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method available to me that I can afford.							
Printed/Typed Name John E. St. John				Signature		Month Day Year 01 3 1997	
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature		Date	
Printed/Typed Name				Signature		Month Day Year	
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature		Date	
Printed/Typed Name				Signature		Month Day Year	
19. Discrepancy Indication Space							
20. Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19							
Printed/Typed Name				Signature		Month Day Year	

DAILY LOG

(to be filled out for each manifested waste recieved)

Date: 1-30-92

Time: 8:25 A.M

Manifest number: 003242 - 0035
(see shaded portion of manifest right hand Item A)

Common name: Secondary smelter baghouse dust

EPA Hazardous Waste Number(s): K069
(usually found under Item 11 of manifest consisting of letter and 3 digit code)

Waste Description: RQ, Hazardous waste solid, NA9189, ORME,
NOS, K069 emissions dust from secondary
smelter
(usually found under Item 11 a.)

Estimated or manifest
reported weight or volume: 35,500 P (pounds)
T (tons)
(usually found under Items 12, 13, and 14)

Method of Handling: T50 (federal), T04 (Missouri)

Place material introduced: Railcar/truck unloader

Start of processing: 8:50 A.M

(Unloader operator should call you when truck has unloaded at the Unloader.)

Finished processing: 07:30pm on 1/30/92

(The sinter plant operator or group leader will record this time in the sinter plant log book.)

WHEN FORM IS COMPLETED RETURN TO ENVIRONMENTAL DEPARTMENT FOR RECORD RETENTION AS SOON AS POSSIBLE.

INSTRUCTIONS FOR THE COM-
PLETION OF THIS FORM ARE ON A
SEPARATE SHEET

THIS DOCUMENT MUST BE USED
FOR ALL MISSOURI-DESTINED
SHIPMENTS

MISSOURI DEPARTMENT OF NATURAL RESOURCES
Division of Environmental Quality
Hazardous Waste Program
P.O. Box 176 Jefferson City, Missouri 65102
314-751-3176

EMERGENCY RESPONSE
U.S. CHEMICAL SAFETY HAZARD
HOTLINE
1-800-424-9300
C-EMTREC
HAZARDOUS WASTE
DEPT. OF NATURAL RESOURCES
JEFFERSON CITY, MO 65102

HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12-pitch) typewriter.)

Form Approved OMB No 2050-0039, Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. M O D R 5 9 2 7 0 3 9		Manifest Document No. 1 1 2 2 4 1		2. Page 1 of 1		Information in the shaded areas is required by State law.	
3. Generator's Name and Mailing Address The Doe Run Company HC 1, Box 1395 Boss, MO 65442-9521				4. Generator's Phone (314) 526-4813		A. Missouri Manifest Document Number 0 9 3 2 4 2			
5. Transporter 1 Company Name Reelman Truck Company				6. US EPA ID Number 1 1 2 2 3 7 2 1 4 8 2		C. MO. Trans. ID H1429			
7. Transporter 2 Company Name				8. US EPA ID Number		D. Transporter's Phone 618-769-4413			
9. Designated Facility Name and Site Address The Doe Run Company 381 Main Street Herculaneum, MO 63048				10. US EPA ID Number 1 1 2 2 3 7 2 1 4 8 2		E. MO. Trans. ID			
						F. Transporter's Phone			
						G. State Facility's ID R R 3 4 1 9			
						H. Facility's Phone 314-479-5311			
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers		13. Total Quantity		14. Unit Wt/Vol	
a. RQ, HAZARDOUS WASTE SOLID, NA3139, ORMS, NOS K659 Emission dust from secondary smelter				Number Type 3 0 1 D T		3 2 5 2 0			
b.								EPA WASTE CODE STATE	
c.								EPA WASTE CODE STATE	
d.								EPA WASTE CODE STATE	
e.								EPA WASTE CODE STATE	
f.								EPA WASTE CODE STATE	
15. Special Handling Instructions and Additional Information Material is designated for use, reuse, recycle, or reclaim.				K. HANDLING CODE (FACILITY USE ONLY)		L. COMMENTS			
a. K659 Emission control dust from secondary smelter				INTERIM		FINAL			
b.									
c.									
d.									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and applicable state regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method available to me that I can afford.				Printed/Typed Name John R. Smith		Signature [Signature]		Month Day Year 10/12/92	
17. Transporter 1 Acknowledgement of Receipt of Materials				Printed/Typed Name WAYNE L. TIDER		Signature [Signature]		Month Day Year 10/12/92	
18. Transporter 2 Acknowledgement of Receipt of Materials				Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space									
20. Designated Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.				Printed/Typed Name		Signature		Month Day Year	

DAILY LOG

(to be filled out for each manifested waste recieved)

Date: 1-30-92 Time: 2:00

Manifest number: 003242-0036
(see shaded portion of manifest right hand Item A)

Common name: Secondary smelter baghouse dust

EPA Hazardous Waste Number(s): K069
(usually found under Item 11 of manifest consisting of letter and 3 digit code)

Waste Description: RQ, Hazardous waste solid, NA9189, ORME, NOS, K069 emissions dust from secondary smelter
(usually found under Item 11 a.)

Estimated or manifest
reported weight or volume: 33400 P (pounds)
T (tons)
(usually found under Items 12, 13, and 14)

Method of Handling: T50 (federal), T04 (Missouri)

Place material introduced: Railcar/truck unloader

Start of processing: 1:50 pm

(Unloader operator should call you when truck has unloaded at the Unloader.)

Finished processing: 07:30 pm on 1/30/92

(The sinter plant operator or group leader will record this time in the sinter plant log book.)

WHEN FORM IS COMPLETED RETURN TO ENVIRONMENTAL DEPARTMENT FOR RECORD RETENTION AS SOON AS POSSIBLE.

THE
DOE RUN
COMPANY
SMELTING DIVISION

GARY BOYER
VICE PRESIDENT SMELTING
AND GENERAL MANAGER

January 20, 1992

Mr. Joe Davis
Missouri Department of Natural Resources
Waste Management Program
P. O. Box 176
Jefferson City, Missouri 65102

Re: Facility Summary Report

Mr. Davis,

Enclosed you will find our Facility Summary Report for the fourth quarter of 1991.

Should you have any questions, please feel free to contact me at (314) 933-3143.

Sincerely,

James M. Lanzafame
James M. Lanzafame
Environmental Facilitator

file name hswstsum.cov



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
(314) 751-3176

DOE RUN CO., THE
CONTACT: JAMES M. LANZAFAME
881 MAIN STREET
HERCULANEUM MO 63048

EPA ID=MOD006266373 MO ID=RR0419

FACILITY SUMMARY REPORT PART I

FACILITY'S EPA I.D. NUMBER

M.O.D.0-0-6-2-6-6-3-7-3

FACILITY'S MISSOURI I.D. NUMBER

R.R.0 4 1 9

NOTE: THE FEDERAL EPA AND MISSOURI FACILITY I.D. NUMBERS ARE ASSIGNED EXCLUSIVELY TO THE SITE WHERE WASTE IS HANDLED. YOU MUST NOTIFY THE DEPARTMENT IF THE ADDRESS FOR THE FACILITY SITE CHANGES.

NOTE ► PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

SECTION A - REPORT IDENTIFICATION

IMPORTANT: ALL MISSOURI BASED FACILITIES THAT RECLAIM, TREAT, STORE, OR DISPOSE HAZARDOUS WASTE ON-SITE SHALL REPORT THE TYPE, QUANTITY AND HANDLING METHOD USED FOR EACH WASTE RECEIVED FROM ALL SOURCES. ALL FACILITIES MUST REPORT QUARTERLY.

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 9-30- (YEAR) ☒ 12-31- 91 (YEAR)

☐ 3-31- (YEAR) ☐ 6-30- (YEAR)

2. PAGE

1 OF 2

SECTION B - FACILITY IDENTIFICATION

1. FACILITY NAME ☒ SAME AS LABEL

2. FACILITY CONTACT PERSON (NAME) ☒ SAME AS LABEL

TELEPHONE NUMBER

(314) 933-3143

3. MAILING ADDRESS

881 Main St

CITY

Herculaneum

STATE

MO

ZIP CODE

63048

4. PLANT SITE ADDRESS ☐ SAME AS LABEL

CITY

STATE

ZIP CODE

NAME OF PARENT FIRM

See Comment 8A

OFFICE USE ONLY

SECTION C - COMMENTS

8A. The Doe Run Company is a partnership of:

Doe Run Investment Holding Corporation
Leadco Investment, Inc.
St. Joe Minerals Corporation

SECTION D - CERTIFICATION STATEMENT

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

PRINT NAME

SIGNATURE

James M. Lanzafame

DATE

1/17/92



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
(314) 751-3176
**FACILITY SUMMARY REPORT
PART II**

BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAME

Doe Run Co., The

FACILITY'S EPA
ID NUMBER

M.O.D.0.0.6.2.6.6.3.7.3

FACILITY'S MISSOURI
I.D. NUMBER

R.R.0.4.1.9

NOTE ▶ PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

SECTION E - REPORT IDENTIFICATION (AS SHOWN ON PART I)

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR):

☐ 9-30- (YEAR) ☒ 12-31- 91 (YEAR)
☐ 3-31- (YEAR) ☐ 6-30- (YEAR)

2. PAGE

2 OF 2

NOTE: SUMMARIZE THE AMOUNT OF WASTE RECEIVED AND HOW IT WAS HANDLED FROM AN INDIVIDUAL SOURCE ON THIS PAGE. ADDITIONAL PAGES NEED TO BE COMPLETED FOR EACH INDIVIDUAL SOURCE.

SECTION F - GENERATOR IDENTIFICATION (LIST THE SOURCE OF THE WASTE LISTED ON THIS PAGE)

3. GENERATOR'S NAME

The Doe Run Company
Buick Resource Recovery Facility

4. IMPORTANT: IF THE WASTE IDENTIFIED ON THIS PAGE WAS BOTH GENERATED AND MANAGED ON-SITE - CHECK THIS BOX ☐

5. GENERATOR'S U.S. EPA I.D. NUMBER

M.O.D.0.5.9.2.0.0.0.8.0

6. GENERATOR'S ADDRESS

HC1, Box 1395

CITY

Boss,

STATE

Mo. 65440-9501

ZIP CODE

7. GENERATOR'S MISSOURI I.D. NUMBER

0 0 3 2 4 2

SECTION G - WASTE IDENTIFICATION

(SUMMARIZE THE AMOUNT OF WASTE FROM THE ABOVE LISTED GENERATOR AND HOW IT WAS HANDLED AT YOUR SITE)

LINE	DESCRIPTION OF WASTE	DOT HAZARD CODE	EPA HAZARDOUS WASTE NUMBER	TOTAL AMOUNT OF WASTE	UNIT OF MEAS.	SPECIFIC GRAVITY	HANDLING CODE	
							INTERIM	FINAL
1	Emission Control Dust from Secondary Smelter	15	K-0-6-9	214,660	P	.	.	T 0
2		.	.			.	.	.
3		.	.			.	.	.
4		.	.			.	.	.
5		.	.			.	.	.
6		.	.			.	.	.
7		.	.			.	.	.
8		.	.			.	.	.

SECTION H - COMMENTS

15.

LINE: HTMR

THE
DOE RUN
COMPANY
SMELTING DIVISION

GARY BOYER
VICE PRESIDENT SMELTING
AND GENERAL MANAGER

August 8, 1991

Mr. Kurt Hilsenbeck
Missouri Department of Natural Resources
Waste Management Program
P. O. Box 176
Jefferson City, MO 65102

Re: Generator's Hazardous Waste Summary Report

Mr. Hilsenbeck:

Enclosed you will find our Generator's Hazardous Waste
Summary Report for the second quarter of 1991.

Should you have any questions, please feel free to
contact me at (314) 933-3143.

Sincerely,

James M. Lanza
James M. Lanza
Environmental Facilitator



NOTE ▶ PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

Regardless of whether any off-site shipment occurred, as a registered generator of hazardous waste, you must complete, sign and transmit this form to the Department of Natural Resources.

SECTION A - REPORT IDENTIFICATION

1. TYPE OF REPORT (CHECK ONE)

☒ QUARTERLY ☐ ANNUAL (NON-GENERATOR)
(IF ANNUAL CHECKED, PLACE X IN 6-30 BOX)

2. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 6-30-____ (YEAR) ☐ 12-31-____ (YEAR)
☐ 3-31-____ (YEAR) ☒ 6-30-91 (YEAR)

3. PAGE

1 of 2

SECTION B - GENERATOR IDENTIFICATION

4. GENERATOR'S NAME

THE DOE RUN COMPANY

5. GENERATOR'S USEPA I.D. NUMBER

M 0 0 D 0 0 6 2 6 6 3 7

6. GENERATOR CONTACT PERSON (NAME)

James M. Lanzafame

TELEPHONE NUMBER

(314) 933-3143

7. GENERATOR'S MISSOURI I.D. NUMBER

0 0 1 1 7 6

8. MAILING ADDRESS

881 Main Street

CITY

Herculaneum

STATE

MO

ZIP CODE

63048

9. PLANT ADDRESS

881 Main Street

CITY

Herculaneum

STATE

MO

ZIP CODE

63048

10. NAME OF PARENT FIRM

The Doe Run Company is a wholly owned subsidiary of Fluor Corporation.

OFFICE USE ONLY

SECTION C - STATUS OF WASTE GENERATED (CHECK ONE)

11. ☒ SHIPPED OFF-SITE. Complete part 2, attach completed hazardous waste manifests, sign certification and transmit to the department.

12. ☐ REPORTABLE QUANTITY NOT GENERATED. Sign certification and transmit to the department.

13. ☐ REPORTABLE QUANTITY GENERATED, BUT NOT SHIPPED OFF-SITE THIS QUARTER. Sign certification and transmit to the department. (Do not complete Part 2).

SECTION D - COMMENTS

14.
Per telephone conversation with Kurt Hilsenbeck of the Waste Management Program on August 4, 1988, neither manifest or Safety-Kleen invoice is required for quantities of Safety-Kleen solvent less than 1000kg per month.

SECTION E - CERTIFICATION STATEMENT

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

PRINT NAME

Gary E. Boyer

SIGNATURE

Gary E. Boyer

DATE

August 8, 1991



MISSOURI DEPARTMENT OF NATURAL RESOURCES - WASTE MANAGEMENT PROGRAM
P.O. BOX 176, JEFFERSON CITY, MISSOURI 65102
GENERATOR'S HAZARDOUS WASTE REPORT SUMMARY SHEET

PART II
OFFICE USE ONLY

NOTE: PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

Entries made on this page must summarize the total amount of waste transported off-site to an individual facility during the specified quarter. Separate sheets must be completed for each facility utilized.

SECTION F - REPORT IDENTIFICATION

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 9-30- (YEAR) ☐ 12-31- (YEAR)

☐ 3-31- (YEAR) ☒ 6-30- 91 (YEAR)

2. PAGE

2 OF 2

3. GENERATOR'S MISSOURI ID NUMBER

0001176

SECTION G - FACILITY IDENTIFICATION

4. FACILITY NAME (NAME OF OFF-SITE LOCATION WHERE WASTE WAS DELIVERED)

Safety-Kleen Corporation

5. FACILITY'S EPA I.D. NUMBER

M0D095486312

6. FACILITY SITE ADDRESS

4526 Tonne Court

7. FACILITY'S MISSOURI I.D. NUMBER

CITY

St. Charles

STATE

MO

ZIP CODE

63303

H H 0 0 2 3

SECTION H - WASTE IDENTIFICATION

1. LINE NO.	8. DESCRIPTION OF WASTE	9. DOT HAZARD CODE	10. EPA HAZARDOUS WASTE NUMBER	11. PREVIOUSLY REPORTED (SEE INST.)	12. TOTAL AMOUNT OF WASTE	13. UNIT OF MEAS.	14. SPECIFIC GRAVITY	15. HANDLING CODE
1	Ignitable solvent	D 8	D 0 0 1		4359	P	.	T 0 4
2	Used for parts cleaning MS		F 0 0 2				.	.
3							.	.
4							.	.
5							.	.
6							.	.
7							.	.
8							.	.
9							.	.
10							.	.

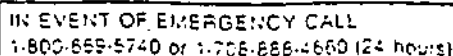
SECTION I - TRANSPORTATION SERVICES UTILIZED

16. COMPANY NAME	17. MISSOURI ID NO.	18. USEPA I.D. NUMBER
a. Safety-Kleen Corporation	H 0 0 2 3	M 0 D 0 9 5 4 8 6 3 1 2
b.	H . . . . .	. . . . .
c.	H . . . . .	. . . . .
d.	H . . . . .	. . . . .

SECTION J - COMMENTS

19.

Used Safety-Kleen 105 solvent MS is recycled per distillation process per Safety-Kleen, St. Charles, MO.



777 Big Timber Road
Evanston, Illinois 60123

UNCLAS NO. 05106-0408 FOR SERVICE
TRANSPORT

FED. ID NO. 39-6090019

SCHEDULED SERVICE WEEK	SCHEDULED SERVICE TERRITORY	REFERENCE NUMBER
91- 18	03	69670

સાતમી-કીલો ૩

5-160-03-7072-1

314-441-0104 LUCIOUS BOWEN

LDR ON FILE

220-2200 PFE

MANUSCRIPT NUMBER

XXXXX

DOE RUN CO
881 MAIN ST
HERCULANEUM

NO 63048

5-160-03-0358

DOE RUN CO

ATTN ACCTS PAYABLE

PO BOX 500

U I B U R N U M

HQ 65566

SEF/ICE	DATE	SALESMAN'S NO.	SALES SPECIALIST	SALES TAX EXEMPTION NUMBER	HANDLING CODE	CREDIT CODE			PREVIOUS BALANCE	PORTION OVER 60 DAYS
5/29/11	0174		XXXX		T	A			1561.77	2.2
8-5555	CHAIN	CUSTOMER P.O. NUMBER	GENERATOR/CUSTOMER PHONE #		O.C.	SVC P/S	*ROC. P/S	SERVICE TAX	C.O.M.S. TAX	PRODUCT TAX
09	160083974-8		314-479-5311	NO	NO	623 001		.06725	.06725	.0672

MACHINE SERVICE SECTION

MACHINE NUMBER	SERVICE CHARGE	SALES TAX	TOTAL CHARGE	SERVICE TEAM	CHANGE - SERVICE TERM NITE-1	CHANGE SCHEDULE DATE NO. NITE	REMARKS	0292	P-EASE CHECK EXPRESSIONS BOXES
171-29677	42.25	2.84	45.09	02			PO EXP 12-31-91		MACHINE CONDITION & CLEAN-NESS
301-55958	65.75	4.42	70.17	02			PO EXP 12-31-91		LAST ASSEMBLY CONDITION
303-37650	74.00	4.98	78.98	04			PO EXP 12-31-91		
303-67315	65.75	4.42	70.17	02			PO EXP 12-31-91		YES
303-80169	65.75	4.42	70.17	02			PO EXP 12-31-91		DECALS IN PLACE AND LEGIBLE
303-80170	65.75	4.42	70.17	02			PO EXP 12-31-91		FUSIBLE LINK INSTALLED
303-89798	74.00	4.98	78.98	04			PO EXP 12-31-91		EMERGENCY CLOSING OF LOUNDESTRICTED
303-94429	65.75	4.42	70.17	02			PO EXP 12-31-91		MACHINE PROPERLY GROUNDED
									LOCAL PHONE NO. STICKER AFFIXED TO MACHINE
									SPENT SOLVENT MEET ACCEPTANCE CRITERIA

TOTAL SERVICE SECTION	519.00	34.90	553.90	GENERATOR USA EPA ID NO. M00006266373	GENERATOR STATE ID NO. 001176	26-250-364
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HAZARDOUS WASTE INFORMATION:

CONTAINERS				US DOT DESCRIPTION INCLUDING PROPER SHIPPING NAME, HAZARD CLASS, AND (CJ)	the following categories:
RAIL CAR NO.	SSP TANKS NO.	10 GAL NO.	30 GAL NO.		
		1	7	647	0 to 220 lbs./month
				Waste Petroleum Residue, Corrosive Liquid (UN1255 (EPA D001, D011, D022) (ERG +27)	
				SD Waste Composite, Cleaning Liquid Corrosive Material (NA1782 (EPA FOOT #904, D006, D007, D008, D022) (ERG +60)	PRODUCT NO. 605
				SD Waste Composite, Cleaning Liquid Corrosive Material (NA1782 (EPA D006, D007, D008, D018, D021, D027, D032, D045) (ERG +60)	PRODUCT NO. 609
					Greater than 2,200 lbs./month

Total Quantity = Number of Drums x Ave. Wt/Drum of Pails 35.0, 35W 27, 16 Gal. 45, 30 Gal. 86

DESIGNATED FACILITY NAME AND ADDRESS: SAFETY-KLEEN CORP.
4526 TOWNE CT ST CHARLES, MO 63303

USA EPA ID NO. NOD095486312

STATE ID NO. HH-0023

PRODUCT SALE SECTION[illegible]

PATENT RECEIVED SECTION

CASH <input type="checkbox"/>	TOTAL RECEIVED	APPLY PAYMENT TO:
CHECK NUMBER		<input type="checkbox"/> TODAY'S SERVICE SALE
		<input type="checkbox"/> PREVIOUS BALANCE AS FOLLOWS

INV. # _____	AMOUNT \$ _____
INV. # _____	AMOUNT \$ _____
INV. # _____	AMOUNT \$ _____

TOTAL PRODUCT AMOUNTS

CHARGE MY ACCOUNT FOR THIS TRANSACTION UNLESS OTHERS ARE INDICATED IN THE PAYMENT INFORMATION SECTION. IF THE MACHINE INSPECTION SECTION ABOVE OR THE PRESENCE OF MACHINE SOLVENT AND RECLAIMATION AGREEMENT INFORMATION ON THE REVERSE SIDE OF THE ABOVE AMOUNT IS SUBJECT TO AN INTEREST CHARGE OF THE LESSOR OF 1% PER MONTH, MINIMUM OF THE MAXIMUM MONTHLY PAYMENT BY THE LESSEE AND INADVERTENTLY ARE NOT PAID BY THE LESSEE, THE LESSEE SHALL BE RESPONSIBLE FOR THE INTEREST CHARGE.

TOTAL SERVICE AMOUNT
(FROM ABOVE)

TOTAL DUE

5539

IN THE EVENT OF DEFAULT, SATISFACTION SHALL BE PAID
TO RECOVER COSTS OF COLLECTION INCLUDING
REASONABLE ATTORNEY'S FEES.

GENERAL DESIGN: THE RESEARCHER'S DESIGN SHOULD BE

IN EVENT OF EMERGENCY CALL

1-800-669-5740 or 1-708-888-4560 (24 hours)

04/21/91

B I L L

MACHINE SERVICE SECTION								MACHINE INSPECTION SECTION	
MACHINE NUMBER	SERVICE CHARGE	SALES TAX	TOTAL CHARGE	SERVICE TERM	CHANGE SERVICE TERM	CHANGE SCHEDULE DATE	REMARKS	PLEASE CHECK APPROPRIATE BOXES	
							0289		GOOD
171-25677	42.25	2.84	45.09	02			PO EXP 12-31-91	MACHINE CONDITION & CLEANLINESS	<input type="checkbox"/>
174-07222	.00	.00	.00	04				UNIT ASSEMBLY CONDITION	<input type="checkbox"/>
174-35907	52.25	3.51	55.76	04			PO EXP 12-31-91		
301-55958	65.75	4.42	70.17	02			PO EXP 12-31-91		YES
303-67315	65.75	4.42	70.17	02			PO EXP 12-31-91	DECALS IN PLACE AND LEGIBLE	<input type="checkbox"/>
303-80169	65.75	4.42	70.17	02			PO EXP 12-31-91	FUSIBLE LINK INSTALLED	<input type="checkbox"/>
303-80170	65.75	4.42	70.17	02			PO EXP 12-31-91	EMERGENCY CLOSING OF LID UNOBTAINED	<input type="checkbox"/>
303-94429	65.75	4.42	70.17	02			PO EXP 12-31-91	MACHINE PROPERLY GROUNDED	<input type="checkbox"/>
								LOCAL PHONE NO. STICKER APPLIED TO MACHINE	<input type="checkbox"/>
								SPENT SOLVENT MEETS ACCEPTANCE CRITERIA	<input type="checkbox"/>
TOTAL SERVICE SECTION	423.25	28.45	451.70	GENERATOR USA EPA ID NO.		GENERATOR STATE ID NO.			
				MOD006266373		001176		26-250-364	

HAZARDOUS WASTE INFORMATION:					I HAVE FILED WITH THE FIVE NECESSARY PAPERS ON STORAGE, TREATMENT, CLOSURE, DISPOSAL, TREATING AND MOVING, AND THE "P" GROUP GROUP BY ESTABLISHMENT, ACCORDING TO THE APPROVED WASTE REPORT OF THE DEPARTMENT OF TRANSPORTATION.		I certify that my total waste streams are within or the following categories:	
CONTAINERS					USE DOT DESCRIPTION (INCLUDING PROPER SHIPPING NAME, HAZARD CLASS, AND ID.)			
HAZ. ID NO. 001	SSRN TANKS NO.	15 GAL. NO. 001	15 GAL. NO. 001	TOTAL LBS. OF GAL.				
		3	5	565	Waste Petroleum Asphalts, Combustible Liquid UN1223 (IEPA, DOT: DOT1, DOT2, IERG #27)		C to 220 lbs./month	
					PC Waste Composite, Changing Liquid Composite Material, NA1762 (IEPA, F002 F004, DOT1, DOT2, DOT3, DOT4, DOT5, DOT6, DOT7, DOT8, DOT9, DOT10, DOT11, DOT12, DOT13, DOT14, DOT15, DOT16, DOT17, DOT18, DOT19, DOT20, DOT21, DOT22, DOT23, DOT24, DOT25, DOT26, DOT27, DOT28, DOT29, DOT30, DOT31, DOT32, DOT33, DOT34, DOT35, DOT36, DOT37, DOT38, DOT39, DOT40, DOT41, DOT42, DOT43, DOT44, DOT45, DOT46, DOT47, DOT48, DOT49, DOT50, DOT51, DOT52, DOT53, DOT54, DOT55, DOT56, DOT57, DOT58, DOT59, DOT60, DOT61, DOT62, DOT63, DOT64, DOT65, DOT66, DOT67, DOT68, DOT69, DOT70, DOT71, DOT72, DOT73, DOT74, DOT75, DOT76, DOT77, DOT78, DOT79, DOT80, DOT81, DOT82, DOT83, DOT84, DOT85, DOT86, DOT87, DOT88, DOT89, DOT90, DOT91, DOT92, DOT93, DOT94, DOT95, DOT96, DOT97, DOT98, DOT99, DOT100, DOT101, DOT102, DOT103, DOT104, DOT105, DOT106, DOT107, DOT108, DOT109, DOT110, DOT111, DOT112, DOT113, DOT114, DOT115, DOT116, DOT117, DOT118, DOT119, DOT120, DOT121, DOT122, DOT123, DOT124, DOT125, DOT126, DOT127, 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DOT628, DOT629, DOT630, DOT631, DOT632, DOT633, DOT634, DOT635, DOT636, DOT637, DOT638, DOT639, DOT640, DOT641, DOT642, DOT643, DOT644, DOT645, DOT646, DOT647, DOT648, DOT649, DOT650, DOT651, DOT652, DOT653, DOT654, DOT655, DOT656, DOT657, DOT658, DOT659, DOT660, DOT661, DOT662, DOT663, DOT664, DOT665, DOT666, DOT667, DOT668, DOT669, DOT670, DOT671, DOT672, DOT673, DOT674, DOT675, DOT676, DOT677, DOT678, DOT679, DOT680, DOT681, DOT682, DOT683, DOT684, DOT685, DOT686, DOT687, DOT688, DOT689, DOT690, DOT691, DOT692, DOT693, DOT694, DOT695, DOT696, DOT697, DOT698, DOT699, DOT700, DOT701, DOT702, DOT703, DOT704, DOT705, DOT706, DOT707, DOT708, DOT709, DOT710, DOT711, DOT712, DOT713, DOT714, DOT715, DOT716, DOT717, DOT718, DOT719, DOT720, DOT721, DOT722, DOT723, DOT724, DOT725, DOT726, DOT727, DOT728, DOT729, DOT730, DOT731, DOT732, DOT733, DOT734, DOT735, DOT736, DOT737, DOT738, DOT739, DOT740, DOT741, DOT742, DOT743, DOT744, DOT745, DOT746			

Total Quantity = Number of Drums x Ave. Wt/Drum of Pails	35.0	SSPW TANKS	27	16 Gal.	45	30 Gal.	86
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DESIGNATED FACILITY NAME AND ADDRESS: SAFETY-KLEEN CORP.
4526 TOWNE CT ST CHARLES, MO 63303

USA EPA ID NO.	800095486312
STATE ID NO.	HH-0023

[illegible]

PAYMENT RECEIVED SECTION		
CASH <input type="checkbox"/>	TOTAL RECEIVED	APPLY PAYMENT TO:
CHECK NUMBER		<input type="checkbox"/> TODAY'S SERVICE/SALE <input type="checkbox"/> PREVIOUS BALANCE AS FOLLOWS
INV. # _____	AMOUNT \$ _____	
INV. # _____	AMOUNT \$ _____	
INV. # _____	AMOUNT \$ _____	

TOTAL PRODUCT AMOUNTS				
CHARGE MY ACCOUNT FOR THIS TRANSACTION UNLESS OTHERWISE INDICATED IN THE PAYMENT RECEIVED SECTION. ALSO I HAVE NOTED THE MA- CHINE INSPECTION SECTION ABOVE AND THE PRESENCE OF MACHINE SOLVENT AND RECLA- MATION AGREEMENT INFORMATION ON THE RE- VERSE SIDE. THE ABOVE AMOUNT IS SUBJECT TO AN INTEREST CHARGE OF THE LESSOR OF 1 1/4% PER MONTH (18% PER ANNUM) OR THE MAXIMUM RATE ALLOWED BY LAW ON ANY UNPAID INVOICES THAT ARE NOT PAID WITHIN 30 DAYS.		TOTAL SERVICE AMOUNT (FROM ABOVE)		
		TOTAL DUE		451.
		IN THE EVENT OF DEFAULT, SATISFACTION SHALL BE LIMITED TO RECOVER COSTS OF COLLECTION AND RE- ASONABLE ATTORNEY'S FEES		
X <i>AD Pope</i> GENERAL MANAGER REPRESENTATIVE SIGNATURE		PRINT NAME _____		

IN EVENT OF EMERGENCY CALL
1-800-669-5740 or 1-708-888-4660 (24 hours)

SEE REVERSE SIDE FOR IMPORTANT INFORMATION

314-441-0104 LUCIOUS BOWEN
LOR ON FILE 220-2200 PPSCHEDULED SERVICE WEEK 91-26 03 38896
SCHEDULED SERVICE TERRITORY
REFERENCE NUMBER

5-160-03-7072-1

DOE RUN CO
881 MAIN ST
HERCULANEUM
PRICES EFFECTIVE 04/21/91

MO 63048

MANIFEST
NUMBER

XXXXX

G. Langgane

SERVICE DATE	SALESMAN'S NO.	SALES SPECIALIST	SALES TAX EXEMPTION NUMBER	HANDLING CODE	CREDIT CODE	PREVIOUS BALANCE	PORTION OVER 60 DAYS	
6-26-91	160037072-1	XXXX		T	A	1573.05		
CHAIN	CUSTOMER P.O. NUMBER	GENERATOR/CUSTOMER PHONE	O.C.	SVC P/S	PROD P/S	SERVICE TAX	C.G.M.S. TAX	PRODUCT TAX
02	160037072-1	314-479-5711	NO	NO	627-001	06725	06725	06725
MACHINE SERVICE SECTION								
MACHINE NUMBER	SERVICE CHARGE	SALES TAX	TOTAL CHARGE	SERVICE TERM	CHANGE SERVICE TERM	CHANGE SCHEDULE DATE	REMARKS	
171-22677	12.25	2.81	15.06	03			00 EXP 12-31-91	GOOD
301-55952	65.75	4.42	70.17	03			00 EXP 12-31-91	MACHINE CONDITION & CLEANLINESS
303-37650	74.00	4.98	78.98	04			00 EXP 12-31-91	LAMP ASSEMBLY CONDITION
303-67715	65.75	4.42	70.17	03			00 EXP 12-31-91	YES
303-80165	65.75	4.42	70.17	03			00 EXP 12-31-91	DECALS IN PLACE AND LEGIBLE
303-80170	65.75	4.42	70.17	03			00 EXP 12-31-91	FUSIBLE LINK INSTALLED
303-80709	74.00	4.98	78.98	04			00 EXP 12-31-91	EMERGENCY CLOSING OF JUNCTIONS
303-84429	65.75	4.42	70.17	03			00 EXP 12-31-91	MACHINE PROPERLY GROUNDING
								LOCAL PHONE NO. STICKER APPLIED TO MACHINE
								SPENT SOLVENT MEET ACCEPTANCE CRITERIA
TOTAL SERVICE SECTION		519.00	74.90	593.90				
		GENERATOR USA EPA ID NO.		GENERATOR STATE ID NO.				
		400004264377		001174		26-250-3660		

CONTAINERS				US DOT DESCRIPTION INCLUDING PROPER SHIPPING NAME, HAZARD CLASS, AND ID	PRODUCT NO.	QUANTITY	WASTE TYPE
PAIS	SEPN	LEGAL	TOTAL				
NO. OF	TANKS	NO. OF	NO. OF				
1	7	64	7	WASH PERFORMANT NADIRAS Combustion Liquor UN231 (EPA D001 D011 D028 (ERG #57)	PRODUCT NO. 608	220 lbs. to 2,200 lbs./month	
				RC Waste Composite Cleaning Liquor Composite Material NA1760 (EPA D002 D004 D006 D007 D009 D022 (ERG #60)	PRODUCT NO. 609	Greater than 2,200 lbs./month	
				RC Waste Composite Cleaning Liquor Composite Material NA1760 (EPA D006 D007 D009 D011 D021 D027 D039 D040 (ERG #60)	PRODUCT NO. 609		

DESIGNATED FACILITY NAME AND ADDRESS:		USA EPA ID NO.	STATE ID NO.
SAFETY-KLEEN CORP. 4526 TOWNE CT ST CHARLES, MO 63303		MC0095486312	HH-0023

SOLD ON PREVIOUS SERVICES	PRODUCT NUMBER	DESCRIPTION	MSDS GIVEN	PRICE	U/M	QUANTITY DELIVERED	SALES AMOUNT	TAX	LINE TOTAL
1			0						
			0						
			0						
			0						
			0						
			0						
			0						
			0						
			0						
			0						

PAYMENT RECEIVED SECTION	
CASH <input type="checkbox"/>	TOTAL RECEIVED
CHECK NUMBER	APPLY PAYMENT TO:
	<input type="checkbox"/> TODAY'S SALE/SALE
	<input type="checkbox"/> PREVIOUS BALANCE AS FOLLOWS
AMOUNT \$	
AMOUNT \$	
AMOUNT \$	

IN EVENT OF EMERGENCY CALL
1-800-569-5740 or 1-708-888-4660 (24 hours)

TOTAL PRODUCT AMOUNTS	
CHARGE MY ACCOUNT FOR THIS TRANSACTION UNLESS OTHERWISE INDICATED IN THE PAYMENT RECEIVED SECTION. ALSO I HAVE NOTED THE MACHINE INSPECTION SECTION ABOVE AND THE PRESENCE OF MACHINE SOLVENT AND RECLAMATION AGREEMENT INFORMATION ON THE REVERSE SIDE. THE ABOVE AMOUNT IS SUBJECT TO AN INTEREST CHARGE OF THE LESSOR OF 1% PER MONTH (12% PER ANNUUM) OR THE MAXIMUM RATE ALLOWED BY LAW ON ANY UNPAID INVOICES THAT ARE NOT PAID WITHIN 30 DAYS.	TOTAL SERVICE AMOUNT (FROM ABOVE)
	TOTAL DUE
	1553.70

IN THE EVENT OF DEFAULT, SAFETY-KLEEN SHALL BE ENTITLED TO RECOVER COSTS OF COLLECTION AND REASONABLE ATTORNEY'S FEES.

X *[Signature]* GENERAL MANAGER/SALES REPRESENTATIVE SIGNATURE

SEE REVERSE SIDE FOR IMPORTANT INFORMATION.

Use of Facility: DOE RUN CO, HERCULANEUM SMELTER Date: 2-13-92
 Address: 881 MAIN ST PHONE # (314) 933-3143
HERCULANEUM, MO 63048
 Facility Representative: JAMES LANZAFAME Title: R2
 No. I.D. #: 001176 EPA I.D. #: MO0006266373

Facility Status: LD Gen. SO Gen. X TSD Trans.
 Is a copy of the certification maintained at the facility? Yes X No
 Is this facility meeting the conditions of their certification? Yes No X
 If no, please elaborate. RECORD ON MANIFEST NUMBERS 33 & 34 INDICATED THAT WASTE HAD NOT BEEN PROCESSED IN 24 HRS. AS REQUIRED BY CERTIFICATION

Have any major or minor changes been made in the resource recovery operation? Yes No X
 Have the changes be approved? NA Yes No
 Are any major or minor changes planned? Yes No X
 Describe these changes

List the wastes that are recovered (Indicate any land-ban wastes):
 1. 2069 (214,660 IN 12-31-91 QUARTER)
 2. 2009 FACILITY IS CERTIFIED TO RECOVER BUT HAS NOT DONE SO

If applicable, is the facility in compliance with the land-ban regulations? Yes No
 Does the facility generate, market, or burn hazardous waste fuels? Yes No
 If yes, is the facility complying with the hazardous waste fuel regulations? Yes No
 Wastes accepted from off-site sources? Yes No
 If no, please complete Section A. If no, proceed to Section B.

- A. MANIFESTS 10 CFR 261.1010-11013.
- Shipments from off-site sources manifested. ✓
 - Manifests properly completed by the generator. NA LB OFFICE, NO TAMS #3
 - Has owner/generator properly dated and signed manifests. ✓
 - Generator's manifest copy returned within 30 days. ✓
 - Manifest discrepancies noted and actions taken to resolve them. ✓
 - Facility maintains their manifest copies for 3 years. ✓
 - Time between generator and facility 10 days or less. ✓
- B. RECORDKEEPING AND REPORTING 10 CFR 261.1010-11014, & 7.
- Facility maintains a complete written operating record in accordance with 10 CFR 261.1010-11014 and 10 CFR 261.1010-11015 and 12. ✓
 - Facility has submitted quarterly reports from OR-MF-1. ✓
 - Unmanifested shipments properly recorded. ALL SHIPMENTS MANIFESTED
 - Facility constructed and operated according to plans. ✓
 - If not, have modifications been approved. NA
- C. ADDITIONAL OPERATING STANDARDS FOR R1 and R2 FACILITIES 10 CFR 261.1010-11016
- Owner/Generator following approved quality control plan. ✓
 - Daily log of hazardous wastes received. ✓
 - Daily log of inspections and maintenance. ✓
 - Facility plans to continue operation for the next 6 months. ✓
 - If not, facility has provided or will provide 30 days notice of closure or cessation of operation. NA
 - Approved waste analysis plan being followed. NA ANALYSIS PLAN
 - Records of analysis kept on file. NA
- Please describe items such as percentage of analysis, % of shipment analyzed, results of analysis, etc. WASTE IS ABOUT 55-60% LEAD

Comments:

Please mark boxes as shown

(✓) In compliance
 (●) In violation

D. STORAGE 10 CFR 261.1010-11014, & 7.

- Storage in a secure enclosure. NA STORAGE, QUARTER & PROCESSED
- Storage with proper waste containment. NA
- Underground tanks and impoundments constructed with a leak detection system. NA
- Describe storage of waste and product at the facility, condition of containers, emissions, leaching, degradation, spill prevention, recordkeeping, type of storage, etc. WASTE IS QUART AND PROCESSED IN 24 HRS

Inspector's Signature W. H. Shuck
 Title
 Office